

COMPLETE SEARCH

Patent Literature Abstracts

Set	Items	Description
S1	9394	RECOMMENDATION(1N)(SYSTEM? OR APPARATUS OR PROGRAM?) OR (COLLABORATIVE OR SOCIAL OR ACTIVE OR PEER)(1N)FILTER? OR (COMMUNITY OR COLLECTING OR COLLECTED OR PEER)(3N)(RATE? ? OR RATING OR RANK? ? OR RANKING OR RECOMMENDATION? OR SCOR???) OR SELF()(GENERATI
S2	948336	USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR SUBSCRIBER? ?
S3	11151095	SUBMIT OR SUBMITT??? OR SUPPL? OR ENTER??? OR INPUT??? OR - (PUT OR PUTS)()IN OR ADD OR ADDS OR CONTRIBUT??? OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR REGISTER??? OR REGISTRATION
S4	702419	CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION?
S5	7618	INCENTIVE? ? OR REWARD? ? OR AWARD? ? OR SPECIAL()OFFER? OR FREEBIES
S6	41457	S2 AND S3 AND S4
S7	371	S1 AND S6
S8	4	S7 AND S5
S9	2945765	MORE OR GREATER OR HIGHER
S10	2932523	NUMBER OR TIMES OR OFTEN OR FREQUENT OR FREQUENCY
S11	297	REPEAT(3N)S2
S12	425716	S9(S)S10
S13	20	S7 AND (S11 OR S12)
S14	5413993	LIMIT??? OR LIMITATION? OR RESTRICT? OR EXCLUD? OR PROHIBIT? OR CONTROL?
S15	119678	S14(S)S4
S16	50	S7 AND S15
S17	8922637	GET()BACK OR GETBACK OR RECEIVE OR USE OR USAGE
S18	43	S16 AND S17
S19	23	S7 AND (S5 OR S11 OR S12)
S20	63	S18-OR S19
S21	32	S20 AND IC=(G06F-017/60 OR G06F-017/30 OR G06Q-30/00 OR G07F-07/00)
S22	32	IDPAT (sorted in duplicate/non-duplicate order)
S23	32	IDPAT (primary/non-duplicate records only)
File 350:Derwent WPIX 1963-2006/UD=200670		
(c) 2006 The Thomson Corporation		
File 344:Chinese Patents Abs Jan 1985-2006/Jan		
(c) 2006 European Patent Office		
File 347:JAPIO Dec 1976-2006/Jan(Updated 061009)		
(c) 2006 JPO & JAPIO		

23/3,K/4 (Item 4 from file: 350) Note: Bad Date but interesting
 DIALOG(R)File 350:Derwent WPIX
 (c) 2006 The Thomson Corporation. All rts. reserv.

0015308275 - Drawing available

WPI ACC NO: 2005-658462/200567

XRPX ACC No: N2005-539503

Method for collecting/selling employment related document through internet, involves providing incentive including software platform that assist entities in managing document and identify re-usable documents, to entities without charge

Patent Assignee: ABRAHAMSOHN D (ABRA-I); ABRAHAMSOHN D A A (ABRA-I)

Inventor: ABRAHAMSOHN D; ABRAHAMSOHN D A A

Patent Family (2 patents, 107 countries)

Patent

Application

Number

Kind

Date

Number

Kind

Date

Update

WO 2005084234

A2

20050915

WO 2005US6172

A

20050225

200567

B

US 20050216295 A1 20050929 US 2004548710 P 20040227 200567 E
 US 200566952 A 20050225

Priority Applications (no., kind, date): US 200566952 A 20050225; US
 2004548710 P 20040227

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2005084234	A2	EN	43	9	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
 HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
 MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN
 TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
 FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD
 SE SI SK SL SZ TR TZ UG ZM ZW

US 20050216295 A1 EN Related to Provisional US 2004548710

Method for collecting/selling employment related document through internet,
 involves providing incentive including software platform that assist
 entities in managing document and identify re-usable documents, to...

Original Titles:

...for obtaining data from multiple sources and ranking documents based on
 meta data obtained through collaborative filtering and other matching
 techniques...

...FOR OBTAINING DATA FROM MULTIPLE SOURCES AND RAKING DOCUMENTS BASED ON
 META DATA OBTAINED THROUGH COLLABORATIVE FILTERING AND OTHER MATCHING
 TECHNIQUES...

...NOVELTY - The method involves providing an incentive including
 application tracking software platform that assist the entities such as
 employers in managing employment...

Class Codes

...International Classification (Main): G06F-017/60

Original Publication Data by Authority

Original Abstracts:

...ranking and matching of documents based on meta data obtained during
 data collection, sorting and review processes is disclosed. Incentives
 are provided to contributors in exchange for data/documents that have
 been acquired by such contributors. The incentives may include, inter
 alia, licenses to use certain software applications that facilitate the
 collection of documents from a number of means and collect Meta Data
 about the collected documents. Contributed documents are then aggregated
 into one or more online databases. Customers are able to perform
 multi-criteria ranked searches in the databases and "preview" a ranked set
 of documents that meet the search criteria. Customers may then purchase
 the individual documents they deem appropriate. The ranking of the search
 results may be impacted by the Meta Data collected through the use of the
 provided software applications...

...ranking and matching of documents based on meta data obtained during
 data collection, sorting and review processes is disclosed. Incentives
 are provided to contributors in exchange for data/documents that have
 been acquired by such contributors. The incentives may include, inter
 alia, licenses to use certain software applications that facilitate the
 collection of documents from a number of means and collect Meta Data
 about the collected documents. Contributed documents are then aggregated
 into one or more online databases. Customers are able to perform
 multi-criteria ranked searches in the databases and "preview" a ranked set

of documents that meet the search criteria. Customers may then purchase the individual documents they deem appropriate. The ranking of the search results may be impacted by the Meta Data collected through the use of the provided software applications...

...apport sont ensuite regroupes dans une ou plusieurs base(s) de donnees en ligne. Des clients peuvent executer des recherches ordonnees selon des criteres multiples dans les bases de donnees et previsualiser un ensemble ordonne de documents que repondent aux criteres de recherche. Les clients peuvent ensuite acheter les documents individuels qu'ils considerent appropries. L'ordonnancement de la recherche...

Claims:

b 1 /b . A method comprising: providing incentives including a software platform to a plurality of unrelated entities without charge, said software platform...

Patent Literature Full-Text

Set	Items	Description
S1	10813	RECOMMENDATION(1N)(SYSTEM? OR APPARATUS OR PROGRAM?) OR (COLLABORATIVE OR SOCIAL OR ACTIVE OR PEER)(1N)FILTER? OR (COMMUNITY OR COLLECTING OR COLLECTED OR PEER)(3N)(RATE? ? OR RATING OR RANK? ? OR RANKING OR RECOMMENDATION? OR SCOR???) OR SELF()(GENERATI
S2	957015	USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR SUBSCRIBER? ? OR CONTRIBUTOR? ? OR MEMBER? ?
S3	2641657	SUBMIT OR SUBMITT??? OR SUPPL? OR ENTER??? OR INPUT??? OR - (PUT OR PUTS)()IN OR ADD OR ADDS OR CONTRIBUT??? OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR REGISTER??? OR REGISTRATION
S4	535758	CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION?
S5	16954	INCENTIVE? ? OR REWARD? ? OR AWARD? ? OR SPECIAL()OFFER? OR FREEBIES
S6	19989	S2(7N)S3(7N)S4
S7	164	S1(S)S6
S8	5	S7(S)S5
S9	1681254	MORE OR GREATER OR HIGHER
S10	1459953	NUMBER OR TIMES OR OFTEN OR FREQUENT OR FREQUENCY
S11	2415	REPEAT(3N)S2
S12	1629191	GET()BACK OR GETBACK OR RECEIVE OR USE OR USAGE
S13	1892018	LIMIT??? OR LIMITATION? OR RESTRICT? OR EXCLUD? OR PROHIBIT? OR CONTROL?
S14	373731	S9(7N)S10
S15	19180	(S14 OR S11)(10N)S12
S16	65733	S13(10N)S4
S17	35	S7(S)(S5 OR S15 OR S16)
S18	17	S17 AND IC=(G06F-017/60 OR G06F-017/30 OR G06Q-30/00 OR G07F-07/00)
S19	17	IDPAT (sorted in duplicate/non-duplicate order)
S20	17	IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2006/ 200643		
(c) 2006 European Patent Office		
File 349:PCT FULLTEXT 1979-2006/UB=20061026UT=20061019		
(c) 2006 WIPO/Thomson		

20/3,k/3 (Item 3 from file: 348) Note: Your inventors
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2006 European Patent Office. All rts. reserv.

01355177

Information recommendation apparatus and information recommendation system
 System und Vorrichtung zum Empfehlen von Informationen
 Systeme et appareil de recommandation d'informations

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
 Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Kutsumi, Hiroshi, 1-4-31, Terakatanishikidori, Moriguchi-shi, Osaka
 570-0042, (JP)

Araki, Shouichi, 3-15-22-503, Imafukuhigashi, Joto-ku, Osaka-shi, Osaka
 536-0002, (JP)

Naito, Eiichi, 2-31, Takigikuwanoki, Kyotanabe-shi, Kyoto 610-0341, (JP)

Hiratsuka, Tomoyasu, Park City Chiharadai 2-510, 3-32-1-1, Chiaradai,
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Jitouso, Yuumi, 3-13-2-105, Osone, Minatokita-ku, Yokohama-shi, Kanagawa
 222-0003, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)

, Maximilianstrasse 58, 80538 Munchen, (DE)
 PATENT (CC, No, Kind, Date): EP 1156424 A2 011121 (Basic)
 APPLICATION (CC, No, Date): EP 2001111063 010508;
 PRIORITY (CC, No, Date): JP 2000145169 000517
 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE; TR
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS (V7): G06F-017/30
 ABSTRACT WORD COUNT: 96
 NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200147	4079
SPEC A	(English)	200147	21944
Total word count - document A			26023
Total word count - document B			0
Total word count - documents A + B			26023

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

...SPECIFICATION shown in FIG. 5 comprises the network interface means 1, the content database 2, the recommendation condition input means 3, the content recommendation means 4, the content output means 5, the user identification means 6, the access history control means 7 and the content registration means 8.

Furthermore, since a hardware configuration by which the system configured as described above...easy by using registration items that can be made quantitative.

Furthermore, in Embodiment 3, information recommendation is limited depending on the registration results of contents, and recommendation conditions are extracted from the contents registered by the user. Hence, it is possible to accomplish an information recommendation apparatus wherein appropriate data suited for the user can be recommended while the user is not required to input specific recommendation conditions.

Furthermore, in Embodiment 4, content data conforming to the recommendation conditions can be recommended, and an advertisement corresponding to the...

20/3,k/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00891357 **Image available**

METHOD AND SYSTEM FOR USER-DIRECTED COMPUTER NETWORK DIRECTORY
 PROCEDE ET SYSTEME DESTINE A UN REPERTOIRE DES RESEAUX D'ORDINATEURS
 ORIENTES UTILISATEUR

Patent Applicant/Assignee:

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 (Residence), US (Nationality)

Inventor(s):

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 NELSON Joshua C, 401 Gallaher View Road, Apt. 263, Knoxville, TN 37919,
 US,

Legal Representative:

PIENKOS John T (et al) (agent), Quarles & Brady LLP, 411 E. Wisconsin
 Avenue, Milwaukee, WI 53202-4497, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200225469 A2-A3 20020328 (WO 0225469)

Application: WO 2001US29360 20010919 (PCT/WO US0129360)

Priority Application: US 2000665450 20000919

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word Count: 7589

Main International Patent Class (v7): G06F-017/30

International Patent Class (v7): G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... 6,052,717, which

discloses an Internet site book system, which is a self
extending, self - sustaining compilation of text and
multimedia material. Users may enroll as viewers of the
content. Contributors are given monetary rewards based
on how much their content is being viewed. This reward
is in the nature of a copyright royalty, since the
contributions are original material or derivative
material incorporating some element of authorship on the
part of the contributor.

Hartnett, U.S. Pat. No. 6,064,971, discloses a
collaborative text system in which the contributions of
users are re-ordered and ranked based on popularity.

Links or URL's are not mentioned...

Non-Patent Literature Abstracts

Set	Items	Description
S1	20856	RECOMMENDATION(1N)(SYSTEM? OR APPARATUS OR PROGRAM?) OR (COLLABORATIVE OR SOCIAL OR ACTIVE OR PEER)(1N)FILTER? OR (COMMUNITY OR COLLECTING OR COLLECTED OR PEER)(3N)(RATE? ? OR RATING OR RANK? ? OR RANKING OR RECOMMENDATION? OR SCOR???) OR SELF()(GENERATI
S2	1337257	USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR SUBSCRIBER? ? OR CONTRIBUTOR? ? OR MEMBER? ?
S3	3272294	SUBMIT OR SUBMITT??? OR SUPPL? OR ENTER??? OR INPUT??? OR - (PUT OR PUTS)()IN OR ADD OR ADDS OR CONTRIBUT??? OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR REGISTER??? OR REGISTRATION
S4	1386671	CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION?
S5	124694	INCENTIVE? ? OR REWARD? ? OR AWARD? ? OR SPECIAL()OFFER? OR FREEBIES
S6	29016	S2(S)S3(S)S4
S7	265	S1 AND S6
S8	3	S7 AND S5
S9	3	RD (unique items)
File	2:INSPEC	1898-2006/Oct W4 (c) 2006 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2006/Oct (c) 2006 ProQuest Info&Learning
File	65:Inside Conferences	1993-2006/Nov 02 (c) 2006 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs	1983-2006/Sep (c) 2006 The HW Wilson Co.
File	474:New York Times Abs	1969-2006/Nov 01 (c) 2006 The New York Times
File	475:Wall Street Journal Abs	1973-2006/Nov 01 (c) 2006 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group

9/5/1 (Item 1 from file: 2) Note: Bad Date but perfect.
 DIALOG(R)File 2:INSPEC
 (c) 2006 Institution of Electrical Engineers. All rts. reserv.

08198201 INSPEC Abstract Number: C2002-04-7100-041
 Title: Participation incentive mechanisms in peer-to-peer subscription systems
 Author(s): Lui, S.M.; Lang, K.R.; Kwok, S.H.
 Author Affiliation: Dept. of Inf. & Syst. Manage., Hong Kong Univ. of Sci. & Technol., Kowloon, China
 Conference Title: Proceedings of the 35th Annual Hawaii International Conference on System Sciences p.3925-31
 Editor(s): Sprague, R.H.
 Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
 Publication Date: 2002 Country of Publication: USA CD-ROM pp.
 ISBN: 0 7695 1435 9 Material Identity Number: XX-2002-00233
 U.S. Copyright Clearance Center Code: 0 7695 1435 9/2002/\$17.00
 Conference Title: Proceedings of the 35th Annual Hawaii International Conference on System Sciences
 Conference Date: 7-10 Jan. 2002 Conference Location: Big Island, HI, USA
 Language: English Document Type: Conference Paper (PA)
 Treatment: Practical (P)
 Abstract: Businesses are trying to explore new business opportunities in the newly emerging P2P technology applications. Motivating peer members through incentive mechanisms to supply contributions to the system and controlling free riding are suggested in this paper as important success factors for developing P2P-based business models. We review the

psychology and community behavior literature in order to provide an explanation for the reasons why people get motivated to participate in P2P systems and to contribute to the peer community. Motivation can be classified into individual factors and interpersonal factors. Based on these factors, we develop incentive mechanisms that may help to induce peers to contribute and participate more and thus benefit the entire P2P system and community. In particular, we propose the inclusion of the following four features into P2P application environments: (i) contribution - reward mechanism, (ii) individual identity and profile generation, (iii) sub-community building, and (iv) peer recommendations
(19 Refs)

Subfile: C

Descriptors: business communication; computer communications software; distributed processing; information networks

Identifiers: P2P technology; peer-to-peer computing; file sharing; business opportunities; digital contents subscription system; P2P services

Class Codes: C7100 (Business and administration); C6150N (Distributed systems software); C7210N (Information networks)

Copyright 2002, IEE

9/5/2 (Item 1 from file: 35) Note: Bad note :
DIALOG(R)File 35:Dissertation Abs Online
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01924265 ORDER NO: AADAA-I3073797

Distributed annotation framework supporting collaborative filtering of information

Author: Imudom, Sukumal

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: University of Southern California (0208)

Adviser: B. Clifford Neuman

Source: VOLUME 63/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5932. 122. PAGES

Descriptors: COMPUTER SCIENCE

Descriptor Codes: 0984

ISBN: 0-493-93902-4

Recommender systems have emerged to assist users by finding information on the Internet with the help of other users. This research proposes a distributed annotation framework supporting collaborative filtering of any type of information. There exists the problem of validity and trust in the recommendations placed on such systems and the lack of incentive for evaluators to participate in making evaluations. The framework provides a mechanism to build trust by increasing the reputation of the evaluators. It also serves as a reward model by providing an incentive for promoting evaluations.

The proposed framework consists of three important building blocks which aim to overcome existing recommender system limitations: annotation semantic categories, expertise ratings on the annotators, and a credit mechanism. The framework allows both enumerated and free text forms of evaluation. A generic set of annotation semantic categories is defined to help classify the free text annotations and provide the annotations with structure. The notion of "expertise" is introduced to help identify the experts in our system. The expertise rating mechanism identifying the experts and the quality of evaluations also helps determine the credibility of the information. Additionally, I propose a credit model which overcomes the lack of initial evaluations by providing an incentive to promote user participation. The model, a hybrid of the subscription and

transaction models, uses electronic credits as a reward for evaluators who make early and valuable annotations. The framework enables application developers the ability to build various applications which will benefit

from collaborative filtering . We envision the future use of these applications in the integration of Recommender Systems and Electronic Commerce. Such systems will not only help users filter the quality of information more efficiently, but it will also provide a new working medium for many career professionals.

Non-Patent Literature Full-Text

Set	Items	Description
S1	24791	RECOMMENDATION(1N)(SYSTEM? OR APPARATUS OR PROGRAM?) OR (COLLABORATIVE OR SOCIAL OR ACTIVE OR PEER)(1N)FILTER? OR (COMMUNITY OR COLLECTING OR COLLECTED OR PEER)(3N)(RATE? ? OR RATING OR RANK? ? OR RANKING OR RECOMMENDATION? OR SCOR???) OR SELF()(GENERATI
S2	11497170	USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR SUBSCRIBER? ? OR CONTRIBUTOR? ? OR MEMBER? ?
S3	14451139	SUBMIT OR SUBMITT??? OR SUPPL? OR ENTER??? OR INPUT??? OR - (PUT OR PUTS)()IN OR ADD OR ADDS OR CONTRIBUT??? OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR REGISTER??? OR REGISTRATION
S4	3912901	CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION?
S5	2346827	INCENTIVE? ? OR REWARD? ? OR AWARD? ? OR SPECIAL()OFFER? OR FREEBIES
S6	75067	S2(5N)S3(5N)S4
S7	246	S1 AND S6
S8	67	S7 AND S5
S9	31	S8 NOT PY>2000
S10	29	RD (unique items)

File 20:Dialog Global Reporter 1997-2006/Nov 02
(c) 2006 Dialog

10/3,K/4

DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

12247355 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Business & Finance (Reviews): Ulysses set to turn the tables on the critics
RORY KELLEHER
IRISH TIMES, p56
August 04, 2000
JOURNAL CODE: FIRT LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 931

(USE FORMAT 7 OR 9 FOR FULLTEXT)

The system will give its subscribers, who would submit reviews, a sense of ownership over the review process and perhaps make such reviews less subjective. It will also create a practically maintenance...

...the main problems that such a system would face would be the prospect of individual users submitting deliberately malicious or untruthful reviews just to either mess up the system or because of a personal dislike they may...

...than those of somebody who was erratic.

The system also has a personalisation layer and collaborative filtering, which gives the system its ability to bring together groups of users with similar preferences...

...bars that they would be more likely to enjoy.

The challenge of actually getting Internet users to submit reviews on a regular basis on a range of different topics to a site may be the greatest obstacle to Ulysses's success.

However, the system's developers believe that incentive and discount schemes for areas within the user's interests, which would reward people for submitting reviews, may get around this problem.

Ms Ferrario said that many databases such as music databases...

10/3,k/29

DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

02663629 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Realize Communications Awards Airline Miles to Newsgroup Users Who Fight Spam

PR NEWSWIRE

September 01, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 705

(USE FORMAT 7 OR 9 FOR FULLTEXT)

Realize Communications Awards Airline Miles to Newsgroup Users Who Fight Spam

New Incentive Technology Improves Newsgroups By Rewarding Users for Posting

And Rating Messages

... realize.com) made its industry debut today with the launch of a new technology that rewards newsgroup participants for making valuable contributions to discussion groups. By rewarding users who identify inappropriate messages and post valuable messages, Realize's Incentive Technology combats a growing spam problem that currently impedes communication for more than 20 million newsgroup users.

Realize's proprietary Incentive Technology draws upon advances in database technology, artificial intelligence and user interface design to encourage and track user feedback. By offering incentive points redeemable for airline miles, Realize helps reduce noise and add value to Internet message...

... newsgroups through Realize's Web site at <http://www.realize.com>, where they can earn incentives called Qy(TM) Points by classifying messages as "not appropriate," "appropriate," or "very appropriate." Additionally...

... with Netcentives, or donated to charity. "Realize is exciting because they bring the power of incentives to message boards," said West Shell III, CEO of Netcentives.

Realize is the only company on the Internet backing a commitment to community with this kind of incentive, according to Ginn. The company chose to create Qy Points as incentives because they represent quality according to the values of each online community, and acknowledge useful contributions.

Through its web site, Realize currently provides free user access to the top 50 Usenet newsgroups based on the number of subscribers and postings...

... time to wade through hundreds of irrelevant messages, and Realize helps solve that problem."

Realize Rewards Valuable Contributions, Fosters Quality Newsgroups
Message board technology has not changed fundamentally since it was...

... against spam and other junk in newsgroups with a technology that goes far beyond traditional collaborative filtering," Ginn said. "Our Incentive Technology uniquely encourages valuable postings, which will ultimately foster stronger Internet communities by improving the...

... Internet company that facilitates the shared pursuit of interest on message boards. Realize uses proprietary incentive technology to filter out noise and help highlight valuable messages. For additional information, call 800...

Non-Patent Literature Full-Text cont.

Set	Items	Description
S1	30169	RECOMMENDATION(1N)(SYSTEM? OR APPARATUS OR PROGRAM?) OR (COLLABORATIVE OR SOCIAL OR ACTIVE OR PEER)(1N)FILTER? OR (COMMUNITY OR COLLECTING OR COLLECTED OR PEER)(3N)(RATE? ? OR RATING OR RANK? ? OR RANKING OR RECOMMENDATION? OR SCOR???) OR SELF()(GENERATI
S2	9594443	USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR SUBSCRIBER? ? OR CONTRIBUTOR? ? OR MEMBER? ?
S3	11035903	SUBMIT OR SUBMITT??? OR SUPPL? OR ENTER??? OR INPUT??? OR - (PUT OR PUTS)()IN OR ADD OR ADDS OR CONTRIBUT??? OR PROVIDE OR PROVIDES OR PROVIDED OR PROVIDING OR REGISTER??? OR REGISTRATION
S4	4777802	CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION?
S5	1043049	INCENTIVE? ? OR REWARD? OR SPECIAL()OFFER? OR FREEBIES
S6	27922	S2(5N)S3(5N)S4
S7	153	S6 AND S1
S8	47	S7 AND S5
S9	64	S6(4S)S1
S10	13	S9 AND S5
S11	12	RD (unique items)
S12	16775104	MORE OR GREATER OR HIGHER
S13	9980163	NUMBER OR TIMES OR OFTEN OR FREQUENT OR FREQUENCY
S14	12538	REPEAT(3N)S2
S15	6142234	GET()BACK OR GETBACK OR RECEIVE OR USE OR USAGE
S16	6481431	LIMIT??? OR LIMITATION? OR RESTRICT? OR EXCLUD? OR PROHIBIT? OR CONTROL?
S17	48862	((S12(7N)S13) OR S14)(S)S15
S18	78148	S16(7N)S4
S19	22	S7 AND (S17 OR S18)
S20	31	S11 OR S19
S21	19	S20 NOT PY>2000
S22	19	RD (unique items)
File	47:	Gale Group Magazine DB(TM) 1959-2006/Nov 01 (c) 2006 The Gale group
File	570:	Gale Group MARS(R) 1984-2006/Nov 02 (c) 2006 The Gale Group
File	635:	Business Dateline(R) 1985-2006/Nov 02 (c) 2006 ProQuest Info&Learning
File	476:	Financial Times Fulltext 1982-2006/Nov 02 (c) 2006 Financial Times Ltd
File	477:	Irish Times 1999-2006/Nov 02 (c) 2006 Irish Times
File	710:	Times/Sun.Times(London) Jun 1988-2006/Nov 02 (c) 2006 Times Newspapers
File	711:	Independent(London) Sep 1988-2006/Nov 02 (c) 2006 Newspaper Publ. PLC
File	756:	Daily/Sunday Telegraph 2000-2006/Nov 02 (c) 2006 Telegraph Group
File	757:	Mirror Publications/Independent Newspapers 2000-2006/Nov 02 (c) 2006
File	387:	The Denver Post 1994-2006/Nov 01 (c) 2006 Denver Post
File	471:	New York Times Fulltext 1980-2006/Nov 02 (c) 2006 The New York Times
File	492:	Arizona Repub/Phoenix Gaz 19862002/Jan 06 (c) 2002 Phoenix Newspapers
File	494:	St LouisPost-Dispatch 1988-2006/Nov 01 (c) 2006 St Louis Post-Dispatch
File	631:	Boston Globe 1980-2006/Oct 29 (c) 2006 Boston Globe

File 633:Phil.Inquirer 1983-2006/Oct 29
 (c) 2006 Philadelphia Newspapers Inc
 File 638:Newsday/New York Newsday 1987-2006/Nov 02
 (c) 2006 Newsday Inc.
 File 640:San Francisco Chronicle 1988-2006/Nov 02
 (c) 2006 Chronicle Publ. Co.
 File 641:Rocky Mountain News Jun 1989-2006/Nov 02
 (c) 2006 Scripps Howard News
 File 702:Miami Herald 1983-2006/Oct 29
 (c) 2006 The Miami Herald Publishing Co.
 File 703:USA Today 1989-2006/Nov 01
 (c) 2006 USA Today
 File 704:(Portland)The Oregonian 1989-2006/Nov 01
 (c) 2006 The Oregonian
 File 713:Atlanta J/Const. 1989-2006/Nov 02
 (c) 2006 Atlanta Newspapers
 File 714:(Baltimore) The Sun 1990-2006/Nov 02
 (c) 2006 Baltimore Sun
 File 715:Christian Sci.Mon. 1989-2006/Nov 02
 (c) 2006 Christian Science Monitor
 File 725:(Cleveland)Plain Dealer Aug 1991-2006/Nov 01
 (c) 2006 The Plain Dealer
 File 735:St. Petersburg Times 1989- 2006/Nov 01
 (c) 2006 St. Petersburg Times

19/3,k/14 (Item 14 from file: 47) Note: background
 DIALOG(R)File 47:Gale Group Magazine DB(TM)
 (c) 2006 The Gale group. All rts. reserv.

04805772 SUPPLIER NUMBER: 19682447 (USE FORMAT 7 OR 9 FOR FULL TEXT)
 Advice from the web. (recommendation systems) (includes related
 articles on the features of recommendation systems , and on
 personalizing the content of the systems)(Your Personal Internet)
 (Internet/Web/Online Service Information)(Cover Story)
 Dragan, Richard V.; Lidsky, David; Munro, Jay
 PC Magazine, v16, n15, p133(7)
 Sep 9, 1997
 DOCUMENT TYPE: Cover Story ISSN: 0888-8507 LANGUAGE: English
 RECORD TYPE: Fulltext; Abstract
 WORD COUNT: 3585 LINE COUNT: 00294

Advice from the web. (recommendation systems) (includes related
 articles on the features of recommendation systems , and on
 personalizing the content of the systems)(Your Personal Internet)
 (Internet/Web/Online Service...

ABSTRACT: Web recommendation systems attempt to predict a person's
 preferences based on the preferences of others. Most began...

...Perceptions from the University of Minnesota, and wisewire from Carnegie
 Mellon. Likeminds is the only recommendation system that has received a
 US patent for collaborative filtering technology, which uses algorithms
 to predict a person's likes or dislikes based on a...

...preferences, and when matches are found, it recommends other items that
 like-minded people liked. Recommendation systems match well with web
 commerce by allowing vendors to target their ads, but users sacrifice...

... many tactics to provide some measure of personalization, from
 asking for demographic information to implementing recommendation
 systems , a promising new technology that predicts your likes and dislikes
 based on the tastes of others.

You can trace the roots of recommendation systems to several
 independent groups of researchers who, with the rise of the web, parlayed

Inventor Search

Set Items Description
 S1 211 AU=(KUTSUMI, H? OR KUTSUMI H? OR HIROSHI(2N)KUTSUMI) OR BY-
 =(HIROSHI(2N)KUTSUMI)
 S2 4678 AU=(ARAKI, S? OR ARAKI S? OR SHOUICHI(2N)ARAKI) OR BY=(SHO-
 UICHI(2N)ARAKI)
 S3 176 AU=(NAITO, E? OR NAITO E? OR EIICHI(2N)NAITO) OR BY=(EIICH-
 I(2N)NAITO)
 S4 878 AU=(HIRATSUKA, T? OR HIRATSUKA T? OR TOMOYASU(2N)HIRATSUKA)
 OR BY=(TOMOYASU(2N)HIRATSUKA)
 S5 2 AU=(JITOUSHO, Y? OR JITOUSHO Y? OR JITOUSHO(2N)YUUMI) OR B-
 Y=(JITOUSHO(2N)YUUMI)
 S6 2 S1 AND S2 AND S3 AND S4 AND S5
 S7 2 S6 AND IC=(G06F-017/60 OR G06F-017/30 OR G06Q-30/00 OR G0-
 7F-07/00)

File 350:Derwent WPIX 1963-2006/UD=200669

(c) 2006 The Thomson Corporation

File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2006/Jan(Updated 061009)

(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/ 200643

(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20061026UT=20061019

(c) 2006 WIPO/Thomson

7/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011154376 - Drawing available

WPI ACC NO: 2002-091654/

XRPX ACC No: N2002-067505

Information recommendation apparatus for Internet, selects and recommends
 contents coinciding with or similar to input condition, from multiple
 contents stored in database

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC
 IND CO LTD (MATU)

Inventor: ARAKI S ; HIRATSUKA T ; JITOSHO H ; JITOUSHO Y ; KUTSUMI H ;
 NAITO E

Patent Family (5 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 1156424	A2	20011121	EP 2001111063	A	20010508	200213 B
US 20010044759	A1	20011122	US 2001851791	A	20010509	200213 E
JP 2002041670	A	20020208	JP 200197578	A	20010329	200215 E
CN 1324045	A	20011128	CN 2001116949	A	20010509	200219 E
KR 2001106218	A	20011129	KR 200125065	A	20010509	200234 E

Priority Applications (no., kind, date): JP 2000145169 A 20000517

Patent Details

Number	Kind	Lang	Pg	Dwg	Filing Notes
EP 1156424	A2	EN	64	29	

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
 IE IT LI LT LU LV MC MK NL PT RO SE SI TR
 JP 2002041670 A JA 44

Alerting Abstract EP A2

NOVELTY - An input unit (3) inputs conditions representing predetermined
 items and attribute values designated by user terminal (100) through
 Internet (500). A recommendation unit (4) selects and recommends a content
 from multiple contents stored in content database (2), the selected content
 coinciding with the input condition. The contents are then output to user.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.Information recommendation system;

2.Information recommendation program

USE - For providing requested information from abundant information through Internet for e.g. providing recipes for presentable dishes, recipes for nutritionally balanced dishes, etc., as registered by cooking specialists, dietitians, etc.

ADVANTAGE - Enables to prepare abundant contents. Enables to recover maintenance cost for constructing and maintaining a large database. Enables to easily find out information that is exactly suitable for user but unnoticed. Provides recipes suited for actual daily menus for family. Provides recipes not void of viewpoints obtained by result of actually using the recipes and suited for actual situations.

DESCRIPTION OF DRAWINGS - The figure shows the system configuration view of information recommendation apparatus.

2 Content database

3 Input unit

4 Recommendation unit

100 User terminal

500 Internet

Title Terms/Index Terms/Additional words: INFORMATION; APPARATUS; SELECT; CONTENT; COINCIDE; SIMILAR; INPUT; CONDITION; MULTIPLE; STORAGE; DATABASE

Class Codes

International Classification (Main): G06F-017/00, G06F-017/30 , G06F-017/60

(Additional/Secondary): G06F-015/18, G06F-007/00

US Classification, Issued: 705027000, 705014000, 707104100

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4P; T01-N01A2A; T01-S03

7/5/2 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01355177

Information recommendation apparatus and information recommendation system
System und Vorrichtung zum Empfehlen von Informationen
Systeme et appareil de recommandation d'informations

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Kutsumi , Hiroshi , 1-4-31,Terakatanishikidori, Moriguchi-shi, Osaka 570-0042, (JP)

Araki , Shouichi , 3-15-22-503, Imafukuhigashi, Joto-ku, Osaka-shi, Osaka 536-0002, (JP)

Naito , Eiichi , 2-31, Takigikuwanoki, Kyotanabe-shi, Kyoto 610-0341, (JP)

Hiratsuka , Tomoyasu , Park City Chiharadai 2-510, 3-32-1-1, Chiaradai, Ichibara-shi, Chiba 290-0158, (JP)

Jitousho , Yuumi , 3-13-2-105, Osone, Minatokita-ku, Yokohama-shi, Kanagawa 222-0003, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721) , Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1156424 A2 011121 (Basic)

APPLICATION (CC, No, Date): EP 2001111063 010508;

PRIORITY (CC, No, Date): JP 2000145169 000517

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT EP 1156424 A2

An information recommendation apparatus has
recommendation means of selecting and recommending contents coincident
with or similar to conditions input by condition input means of inputting
the conditions represented by predetermined items and attribute values
corresponding thereto designated through the terminal of a user via the
Internet, from among contents formed of plural pieces of data having
plural items and attribute values corresponding thereto and stored in a
content database in which the contents are registered by registration
means, wherein
the recommended contents are output to the terminal by output means
via the Internet.

ABSTRACT WORD COUNT: 96

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011121 A2 Published application without search report

Withdrawal: 051026 A2 Date of withdrawal of application: 20050831

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200147	4079
SPEC A	(English)	200147	21944
Total word count - document A			26023
Total word count - document B			0
Total word count - documents A + B			26023

Inventor Search cont.

Set	Items	Description
S1	211	AU=(KUTSUMI, H? OR KUTSUMI H? OR HIROSHI(2N)KUTSUMI) OR BY=(HIROSHI(2N)KUTSUMI)
S2	4678	AU=(ARAKI, S? OR ARAKI S? OR SHOUICHI(2N)ARAKI) OR BY=(SHOUICHI(2N)ARAKI)
S3	176	AU=(NAITO, E? OR NAITO E? OR EIICHI(2N)NAITO) OR BY=(EIICHI(2N)NAITO)
S4	878	AU=(HIRATSUKA, T? OR HIRATSUKA T? OR TOMOYASU(2N)HIRATSUKA) OR BY=(TOMOYASU(2N)HIRATSUKA)
S5	2	AU=(JITOUSHO, Y? OR JITOUSHO Y? OR JITOUSHO(2N)YUUMI) OR BY=(JITOUSHO(2N)YUUMI)
S6	2	S1 AND S2 AND S3 AND S4 AND S5
S7	2	S6 AND IC=(G06F-017/60 OR G06F-017/30 OR G06Q-30/00 OR G07F-07/00)
S8	5854	S1 OR S2 OR S3 OR S4 OR S5 OR S6
S9	186	S8 AND IC=(G06F-017/60 OR G06F-017/30 OR G06Q-30/00 OR G07F-07/00)
S10	186	IDPAT (sorted in duplicate/non-duplicate order)
S11	91	IDPAT (primary/non-duplicate records only)
S12	31	S11 AND (CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION? OR SUBMISSION?)

File 350:Derwent WPIX 1963-2006/UD=200669

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File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2006/Jan(Updated 061009)

(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/ 200643

(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20061026UT=20061019

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9/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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08861558 INSPEC Abstract Number: B2004-03-6250F-232, C2004-03-7250R-021

Title: Cellular phone ringing tone recommendation system based on collaborative filtering method

Author(s): Kostov, V.; Naito, E. ; Ozawa, J.

Author Affiliation: Adv. Technol. Res. Labs., Matsushita Electr. Ind. Co. Ltd., Kyoto, Japan

Conference Title: Proceedings 2003 IEEE International Symposium on Computational Intelligence in Robotics and Automation. Computational Intelligence in Robotics and Automation for the New Millennium (Cat. No.03EX694) Part vol.1 p.378-83 vol.1

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2003 Country of Publication: USA 3 vol.xlvi+1556 pp.

ISBN: 0 7803 7866 0 Material Identity Number: XX-2003-02839

U.S. Copyright Clearance Center Code: 0-7803-7866-0/03/\$17.00

Conference Title: Proceedings 2003 IEEE International Symposium on Computational Intelligence in Robotics and Automation

Conference Sponsor: IEEE Robotics & Automation Soc

Conference Date: 16-20 July 2003 Conference Location: Kobe, Japan

Medium: Also available on CD-ROM in PDF format

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Theoretical (T)

Abstract: We have developed a prototype of cellular phone ringing tone recommendation system using memory-based collaborative filtering and we have carried out examinations to evaluate its performance. The ringing tone content was stored on a server from where the users were able to download the desired items according to their preferences. An extensive log data

accumulated at the download service site for a fixed period of time was used. The log data contained only information for the users' downloaded ringing tones without evaluation data. The user set and the tone downloadable content set were not fixed and our goal was to investigate how collaborative filtering could be successfully applied to a system with such continuously changing conditions. The Jaccard's similarity coefficient was used to calculate the similarity between the users. The learning period, the recommendation period and the number of the similar users were used as condition parameters. The system quality evaluation showed that the recall increases with the increase of the learning period but decreases with the increase of the recommendation period. Optimal values for the number of the most similar users as well as for the learning and the recommendation periods were experimentally obtained. It was shown that the collaborative filtering method could be successfully applied to a cellular phone ringing tone recommendation system. (8 Refs)

Subfile: B C

Descriptors: cellular radio; information retrieval; learning systems; mobile handsets

Identifiers: cellular phone; ringing tone recommendation system; memory based collaborative filtering method; server; download service; log data; learning period

Class Codes: B6250F (Mobile radio systems); C7250R (Information retrieval techniques); C7410F (Communications computing); C6170K (Knowledge engineering techniques)

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9/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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08739651 INSPEC Abstract Number: C2003-11-7210N-009

Title: Development of a user adaptive home page recommendation software, "WebNavigator"

Author(s): Kutsumi, H. ; Naito, E. ; Araki, S. ; Emura, S. ; Arai, T.

Author Affiliation: Adv. Technol. Res. Labs., Matsushita Electr. Ind. Co. Ltd., Kyoto, Japan

Journal: Systems and Computers in Japan vol.34, no.3 p.44-52

Publisher: Scripta Technica,

Publication Date: March 2003 Country of Publication: USA

CODEN: SCJAEP ISSN: 0882-1666

SICI: 0882-1666(200303)34:3L:44:DUAH;1-A

Material Identity Number: J969-2003-003

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P); Experimental (X)

Abstract: The authors report on the development of their software "WebNavigator," a tool for gathering home page information easily for new Internet users, which learns the preferences of the user based on home page viewing history and then recommends new home pages based on those preferences. The important factors in learning a user's preferences are immediacy for tracking changes in interests and stability so as not to be affected by the noise included in the observed data. Issues for the software include setting parameters to unify the earlier user profile and the feature vector for home pages being viewed at present. These rate parameters are found by learning, using several home pages deemed to be "interesting" or "not interesting" to the user. The changes in the user's interests can be tracked by observing the changes in these parameters over time. In this paper, the authors describe the results of evaluating the validity of the software's home page recommendations by investigating experimentally the changes in various users' interests. (12 Refs)

Subfile: C

Descriptors: information retrieval system evaluation; web design

Identifiers: WebNavigator; home page recommendation software; new Internet users; user preferences; home page viewing history; immediacy;

feature vector; user profile; learning; evaluation; user interest changes
 Class Codes: C7210N (Information networks); C7250 (Information storage and retrieval)
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12/5/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0015488178 - Drawing available

WPI ACC NO: 2006-024775/200603

XRPX ACC No: N2006-021619

Information providing apparatus selects content description information from different types of content description information stored in content description information management apparatus, based on user interest information

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: KUTSUMI H ; NAITO E ; OZAWA J; YOSHIDA H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2005339523	A	20051208	JP 2005127411	A	20050426	200603 B

Priority Applications (no., kind, date): JP 2004129619 A 20040426

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2005339523	A	JA	61	62	

Alerting Abstract JP A

NOVELTY - A content information selection unit (131) selects content description information from different types of content description information (111-113) stored in content description information management apparatus (11), based on the user interest information. A content provision unit (133) provides recommendation contents acquired corresponding to selected content description information, to user terminal (14).

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.information providing method; and
- 2.information providing program.

USE - For providing information such as digital contents and TV program using communication network.

ADVANTAGE - Provides information which reflects user's interest exactly without being dependent on the terminal which the user operated or the browsed terminal.

DESCRIPTION OF DRAWINGS - The figure shows an information providing system. (Drawing includes non-English language text).

- 11 content description information management apparatus
- 13 content recommendation apparatus
- 14 user terminal
- 111-113 content description information
- 133 content provision unit

Title Terms/Index Terms/Additional Words: INFORMATION; APPARATUS; SELECT; CONTENT ; DESCRIBE; TYPE; STORAGE; MANAGEMENT; BASED; USER; INTEREST

Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01; W02

Manual Codes (EPI/S-X): T01-J05B1; T01-N01D2; W02-F04B; W02-F10E3

12/5/3 (Item 3 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0015350489 - Drawing available

WPI ACC NO: 2005-700748/200572

XRPX ACC No: N2005-574929

Broadcast program watching support apparatus for television, judges similarity of program in watching guide in current location of support apparatus and program in recordable program guide in current location of recording apparatus

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU); NAITO E (NAIT-I); OZAWA J (OZAW-I)

Inventor: NAITO E ; OZAWA J

Patent Family (2 patents, 107 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050213938	A1	20050929	WO 2005JP5351	A	20050324	200572	B
			US 2005132271	A	20050519		
WO 2005094073	A1	20051006	WO 2005JP5351	A	20050324	200572	E

Priority Applications (no., kind, date): JP 200489681 A 20040325

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050213938	A1	EN	68	45	Continuation of application WO 2005JP5351
WO 2005094073	A1	JA			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - A judgment unit judges the similarity of program included in watching possible program guide in current location of support apparatus and program included in recordable program guide in a current location of recording apparatus. A display unit displays the judged similarity of program.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.program recording system;
- 2.recording apparatus;
- 3.watching support method;
- 4.program recording method;
- 5.program for supporting watching program; and
- 6.program for recording program in system.

USE - For watching and recording program such as television broadcast in recording apparatus (claimed) such as television (TV), hard disk recorder, digital versatile disk (DVD) recorder, cellular phone and in-car display.

ADVANTAGE - Enables to support easily recording currently broadcasted

program or program to be broadcasted by an in-home recording apparatus, according to user's residential area and current location.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the program watching support apparatus.

Title Terms/Index Terms/Additional Words: BROADCAST; PROGRAM; WATCH; SUPPORT; APPARATUS; TELEVISION; JUDGEMENT; SIMILAR; GUIDE; CURRENT; LOCATE; RECORD

Class Codes

International Classification (Main): H04N-005/76

(Additional/Secondary): G06F-013/00, G06F-017/60, G06F-003/00, H04M-011/00, H04N-005/445, H04N-005/765, H04N-005/91, H04N-007/173
US Classification, Issued: 386083000, 725058000

File Segment: EPI;

DWPI Class: T01; W03; W04

Manual Codes (EPI/S-X): T01-J08A; T01-J12A; T01-S03; W03-A13J; W03-A18A5; W04-F01F

12/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015184107 - Drawing available

WPI ACC NO: 2005-533699/200554

XRPX ACC No: N2005-437035

Dictionary production apparatus for internet search system, determines whether keyword is registered into dictionary, or deleted from dictionary based on evaluated value of keyword

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: KUTSUMI H; NAITO E; OZAWA J; YOSHIDA H

Patent Family (1 patents, 106 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2005066837	A1	20050721	WO 2004JP17578	A	20041126	200554 B

Priority Applications (no., kind, date): JP 2003433872 A 20031226

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2005066837	A1	JA	90	35		

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract WO A1

NOVELTY - A keyword extractor extracts a keyword from text. A dictionary registration-deletion unit registers or deletes the extracted keyword in dictionary. A calculator calculates statistic related to appearance of keyword in the text information group to calculate evaluated value of keyword. A determinator determines whether keyword is registered into dictionary, or deleted from dictionary based on calculated value.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.electronic program guide program retrieval device;
- 2.electronic program search system;

3.dictionary production method; and

4.dictionary production program.

USE - For electronic program guide search system, internet search system.

ADVANTAGE - Enables maintaining dictionary at an optimal state always.

Enables searching, categorizing, filtering electronic program guide (EPG), efficiently.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the structure of dictionary production apparatus. (Drawing includes non-English language text).

Title Terms/Index Terms/Additional words: DICTIONARY; PRODUCE; APPARATUS; SEARCH; SYSTEM; DETERMINE; KEYWORD; REGISTER; DELETE; BASED; EVALUATE; VALUE

Class Codes

International Classification (Main): G06F-017/30

(Additional/Secondary): H04N-005/44

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J11A1; T01-N03A2; T01-S03

12/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014635017 - Drawing available

WPI ACC NO: 2004-817016/

XRPX ACC No: N2004-644638

Content information providing method involves storing information about evaluation of content by several users and corresponding evaluation date, and determining similarity between users, at set time period

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: NAITO E ; OZAWA

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update	
JP 2004326227	A	20041118	JP 2003116839	A	20030422	200481	B

Priority Applications (no., kind, date): JP 2003116839 A 20030422

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2004326227	A	JA	12	11		

Alerting Abstract JP A

NOVELTY - A storage unit stores information about the evaluation of content by several users and the corresponding evaluation date. The similarity between the users is determined, at the set time period, and the content is recommended to the user based on the stored data and the similarity between the users.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. content information providing apparatus;
2. content information providing program; and
- 3.recorded medium storing content information providing program.

USE - For providing content information to user, through network such

as Internet.

ADVANTAGE - The desired content is recommended to the user, in an efficient and effective manner.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the structure of the content information providing apparatus. (Drawing includes non-English language text).

1 information providing apparatus

2 terminal

102 database

103 search unit

104 storage unit(105) setting unit

Title Terms/Index Terms/Additional words: CONTENT ; INFORMATION; METHOD;
STORAGE; EVALUATE; USER; CORRESPOND; DATE; DETERMINE; SIMILAR; SET; TIME;
PERIOD

Class Codes

International Classification (Main): G06F-017/30

(Additional/Secondary): G06F-013/00, G06F-017/60 , G06N-005/04

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01D; T01-N03A2; T01-S03

12/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014264192 - Drawing available

WPI ACC NO: 2004-450534/200442

XRPX ACC No: N2004-356547

Device operation history utilization system e.g. for digital TV, has application server for providing service by inquiring user agent about preset operation history including operation time and content of device operated by user

Patent Assignee: ARAKI S (ARAK-I); KUTSUMI H (KUTS-I); MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUURA S (MATS-I); YOSHIDA A (YOSH-I)

Inventor: ARAKI S ; KUTSUMI H ; MATSUURA S; YOSHIDA A

Patent Family (6 patents, 105 countries)

Patent		Application		Update	
Number	Kind Date	Number	Kind Date	Update	
WO 2004049225	A1 20040610	WO 2003JP14776	A 20031120	200442	B
JP 2004185612	A 20040702	JP 2003391342	A 20031120	200443	E
AU 2003284584	A1 20040618	AU 2003284584	A 20031120	200471	E
JP 3720037	B2 20051124	JP 2003391342	A 20031120	200581	E
US 20060053219	A1 20060309	WO 2003JP14776	A 20031120	200618	E
		US 2005535394	A 20050518		
CN 1735903	A 20060215	CN 200380103862	A 20031120	200643	E

Priority Applications (no., kind, date): JP 2002339702 A 20021122

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004049225	A1	JA	106	59	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL
SZ TR TZ UG ZM ZW

JP 2004185612 A JA 40

AU 2003284584 A1 EN
JP 3720037 B2 JA 39

Based on OPI patent WO 2004049225
Previously issued patent JP 2004185612

US 20060053219 A1 EN

PCT Application WO 2003JP14776

Alerting Abstract WO A1

NOVELTY - An electric terminal (101) has a device agent for recording operation content and operation time of a device operated by a user, such that recorded information is set as an operation history. An electric appliance server (102) has a user agent for receiving preset operation history at specific time. An application server (103) has a service concierge for providing service, by inquiring user agent about operation history.

DESCRIPTION - An INDEPENDENT CLAIM is also included for operation history utilization method.

USE - For utilizing operation history of device such as digital television (TV), video unit, air-conditioner, illumination appliance, mini disk (MD) composition unit.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the operation history utilization system. (Drawing includes non-English language text).

101 electric terminal
101a digital television
101b video unit
102 electric appliance server
103 application server

Title Terms/Index Terms/Additional words: DEVICE; OPERATE; HISTORY; UTILISE ; SYSTEM; DIGITAL; TELEVISION; APPLY; SERVE; SERVICE; USER; AGENT; PRESET ; TIME; CONTENT

Class Codes

International Classification (Main): G06F-017/60

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0015/173 A I F B 20060101

G06Q-0030/00 A I R 20060101

G06Q-0030/00 A I F 20060101

G06F-0015/16 C I F B 20060101

G06Q-0030/00 C I R 20060101

US Classification, Issued: 709224000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J07A; T01-J08F; T01-N01D

12/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014264191 - Drawing available

WPI ACC NO: 2004-450533/200442

XRPX ACC No: N2004-356546

Attendant circumstance utilization device judges device operation state according to new/old attendant accompanying user, and accordingly provides device function or content by referring corresponding database

Patent Assignee: ARAKI S (ARAK-I); KUTSUMI H (KUTS-I); MATSUSHITA

ELECTRIC IND CO LTD (MATU); YOSHIDA A (YOSH-I)

Inventor: ARAKI S ; KUTSUMI H ; YOSHIDA A

Patent Family (5 patents, 105 countries)

Patent

Application

Number

Kind

Date

Number

Kind

Date

Update

WO 2004049224

A1

20040610

WO 2003JP14775

A

20031120

200442

B

AU 2003302265	A1	20040618	AU 2003302265	A	20031120	200471	E
US 20060036449	A1	20060216	WO 2003JP14775	A	20031120	200614	E
			US 2005535195	A	20050517		
JP 2004554986	X	20060330	WO 2003JP14775	A	20031120	200623	E
			JP 2004554986	A	20031120		
CN 1714364	A	20051228	CN 200380103857	A	20031120	200636	E

Priority Applications (no., kind, date): JP 2002338984 A 20021122

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2004049224	A1	JA	63	24		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL
SZ TR TZ UG ZM ZW

AU 2003302265	A1	EN			Based on OPI patent	WO 2004049224
US 20060036449	A1	EN			PCT Application	WO 2003JP14775
JP 2004554986	X	JA	69		PCT Application	WO 2003JP14775
					Based on OPI patent	WO 2004049224

Alerting Abstract WO A1

NOVELTY - A database (DB) (102) stores attendant person identification (ID) history and a database (104) stores device operation history related to the attendant person ID history. A judgment unit (105) judges device operation state according to the new/old attendant accompanying the user, and accordingly provides device function or content by referring the database.

USE - Attendant circumstance utilization device.

ADVANTAGE - Provides optimal device function or content to user, by judging the person accompanying by user.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the attendant circumstance utilization device. (Drawing includes non-English language text).

101 attendant person ID detector
102 attendant person ID database (DB)
104 operation history DB
106 function/ content providing unit
A attendant person
B user

Title Terms/Index Terms/Additional words: ATTEND; CIRCUMSTANCE; UTILISE;
DEVICE; JUDGEMENT; OPERATE; STATE; ACCORD; NEW; ACCOMPANIED; USER;
FUNCTION; CONTENT ; REFER; CORRESPOND; DATABASE

Class Codes

International Classification (Main): G06F-017/60

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G01C-0021/00	A	I	L	B	20060101
G06Q-0030/00	A	I	F	B	20060101
G06Q-0050/00	A	I	L	B	20060101
G06Q-0099/00	A	I	F	B	20060101
G08G-0001/005	A	I	L	B	20060101

US Classification, Issued: 705001000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4P; T01-J12C

12/5/9 (Item 9 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0014263604 - Drawing available
 WPI ACC NO: 2004-449942/200442
 XRPX ACC No: N2004-356083

Operation log cooperation utilizing device detects operation of device by user, stores and administrates detected operation as operation log and transmits current operation log to other device

Patent Assignee: ARAKI S (ARAK-I); HIROSHI K (HIRO-I); MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUURA S (MATS-I); YOSHIDA A (YOSH-I)

Inventor: ARAKI S ; HIROSHI K; KUTSUMI H ; MATSUURA S; YOSHIDA A

Patent Family (5 patents, 105 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2004046984	A1	20040603	WO 2003JP14297	A	20031111	200442	B
JP 2004185607	A	20040702	JP 2003378575	A	20031107	200443	E
AU 2003277666	A1	20040615	AU 2003277666	A	20031111	200470	E
US 20060031460	A1	20060209	WO 2003JP14297	A	20031111	200612	E
			US 2005527697	A	20050311		
CN 1685353	A	20051019	CN 2003100053	A	20031111	200617	E

Priority Applications (no., kind, date): JP 2002334643 A 20021119

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2004046984	A1	JA	71	31		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

JP 2004185607	A	JA	27			
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AU 2003277666	A1	EN				
US 20060031460	A1	EN				

Based on OPI patent WO 2004046984
 PCT Application WO 2003JP14297

Alerting Abstract WO A1

NOVELTY - The device detects an operation of the device by a user (101), stores and administrates detected operation as an operation log (102) and transmits current operation log to other device. The device also receives current operation log from other device, derives as related operation log having a given relationship with received current operation log and transmits derived logs to other device.

USE - For controlling cooperation of devices used in network using distribute-administrated operation log.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the operation log cooperation utilizing device. (Drawing includes non-English language text).

- 101 user
- 102 operation log
- 107 related operation log receiving unit
- 111 cooperation content transmitting unit
- 112 cooperation content receiving unit

Title Terms/Index Terms/Additional words: OPERATE; LOG; COOPERATE; UTILISE; DEVICE; DETECT; USER; STORAGE; TRANSMIT; CURRENT

Class Codes

International Classification (Main): G06F-017/60
 (Additional/Secondary): G06F-013/00, H04N-007/173
 International Classification (+ Attributes)
 IPC + Level Value Position Status Version
 G06F-0015/173 A I F B 20060101
 G06F-0015/16 C I F B 20060101
 US Classification, Issued: 709224000

File Segment: EPI;
 DWPI Class: T01
 Manual Codes (EPI/S-X): T01-N02B1A; T01-N02B2B

12/5/10 (Item 10 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0014254671 - Drawing available

WPI ACC NO: 2004-440852/200441

XRPX ACC No: N2004-348835

Viewing information recording method for digital TV broadcast, involves receiving viewing history data from device agent and storing in database for utilizing in digital television

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: ARAKI S ; KUTSUMI H ; MATSUURA S; YOSHIDA A

Patent Family (6 patents, 105 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2004045221	A1	20040527	WO 2003JP14484	A	20031113	200441 B
AU 2003280786	A1	20040603	AU 2003280786	A	20031113	200470 E
JP 3713043	B2	20051102	WO 2003JP14484	A	20031113	200572 E
			JP 2004551232	A	20031113	
US 20060015902	A1	20060119	WO 2003JP14484	A	20031113	200607 E
			US 2005534933	A	20050513	
JP 2004551232	X	20060316	WO 2003JP14484	A	20031113	200620 E
			JP 2004551232	A	20031113	
CN 1711779	A	20051221	CN 200380103243	A	20031113	200636 E

Priority Applications (no., kind, date): JP 2002330892 A 20021114

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
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WO 2004045221	A1	JA	71	34	
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003280786	A1	EN			Based on OPI patent WO 2004045221
JP 3713043	B2	JA	29		PCT Application WO 2003JP14484
					Based on OPI patent WO 2004045221
US 20060015902	A1	EN			PCT Application WO 2003JP14484
JP 2004551232	X	JA	61		PCT Application WO 2003JP14484
					Based on OPI patent WO 2004045221

Alerting Abstract WO A1

NOVELTY - A device agent (20) in a digital TV (11) owned by the user, records viewing date and time of TV, medium type identifier and a content identifier as viewing data. A user agent (30) in a server (12) receives the

data from device agent for storing in a database. The service providers (40,50) accesses the server to utilize the viewing information.

DESCRIPTION - An INDEPENDENT CLAIM is also included for viewing information usage method.

USE - For recording digital TV broadcast viewing information.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of history recording viewing system. (Drawing includes non-English language text).

20,20A device agents

30 user agent

40,50 service providers

A network

Title Terms/Index Terms/Additional words: VIEW; INFORMATION; RECORD; METHOD; DIGITAL; TELEVISION; BROADCAST; RECEIVE; HISTORY; DATA; DEVICE; AGENT; STORAGE; DATABASE; UTILISE

Class Codes

International Classification (Main): H04N-017/00

(Additional/Secondary): G06F-017/60 , H04N-005/44

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04H-0009/00 A I L B 20060101

H04N-0017/00 A I F B 20060101

H04N-0005/44 A I L B 20060101

H04N-0005/445 A I L B 20060101

H04N-0007/16 A I F B 20060101

US Classification, Issued: 725046000, 725009000, 725014000

File Segment: EPI;

DWPI Class: T01; W02

Manual Codes (EPI/S-X): T01-N01B; T01-N02B2; W02-F04B; W02-F10K

12/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013529599 - Drawing available

WPI ACC NO: 2003-623005/

XRPX Acc No: N2003-496516

Content recommendation system for mobile telephone, selects content to be recommended to user, based on priority of user attribute and content attribute

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: NAITO E ; OZAWA

Patent Family (1 patents, 1 countries)

Patent Application

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2003233622	A	20030822	JP 200234940	A	20020213	200359 B

Priority Applications (no., kind, date): JP 200234940 A 20020213

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2003233622	A	JA	8	12	

Alerting Abstract JP A

NOVELTY - A database (102) stores attribute of content e.g. movies to be recommended to user. A pair of databases (103,104) stores priority of user attribute and content attribute respectively. A determination unit (105) determines search conditions for selecting the content, based on the priority. An output unit outputs the selected content to the user.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. content recommendation apparatus;
2. content recommendation method;
3. program for performing content recommendation ; and
4. computer recorded medium storing program for performing content recommendation .

USE - For recommending content such as movies, news, publications, songs to be displayed in user's mobile telephone, personal computer.

ADVANTAGE - Since search conditions for selecting the content to be recommended, is based on user's preference, the burden of processing for recommending content to the user, is relieved.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the content recommendation apparatus. (Drawing includes non-English language text).

102-104 databases
 105 determination unit
 106 selection unit
 115 input-output unit

Title Terms/Index Terms/Additional Words: CONTENT ; SYSTEM; MOBILE;
 TELEPHONE; SELECT; RECOMMENDED; USER; BASED; PRIORITY; ATTRIBUTE

Class Codes

International Classification (Main): G06F-017/30
 (Additional/Secondary): G06F-017/60 , H04Q-007/20

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-J05B; T01-S03; W01-B05

12/5/18 (Item 18 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0012987514 - Drawing available

WPI ACC NO: 2003-065222/

XPX ACC No: N2003-050982

Information recommendations system for internet, updates user profile based on document vector created using static and dynamic document vectors of selected information unit

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: ARAKI S ; KUTSUMI H ; NAITO E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2002342366	A	20021129	JP 2001147241	A	20010517	200306 B

Priority Applications (no., kind, date): JP 2001147241 A 20010517

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2002342366	A	JA	9	6	

Alerting Abstract JP A

NOVELTY - A web site selector (6) chooses an information unit shown to user based on a predetermined evaluation value of the information unit. A document vector synthesis unit (11) creates a document vector (H(i)) from static and dynamic document vectors (Hs(i), Hd(i)) of the information unit. A renewal unit (12) updates user profile based on the document vector and browsing time (t(i)) of the selected information unit.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.Information recommendation method;
- 2.Information recommendation program; and
- 3.Recorded medium for storing information recommendation program.

USE - In browsing-specific information over internet.

ADVANTAGE - Enables a user to easily select the required information without any burden by updating the user profile using document vector.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the information recommendation system. (Drawing includes non-English language text).

6 web site selector
 11 Document vector synthesis unit
 12 Renewal unit
 H(i) Document vector
 Hs(i, Hd(i)) Vectors
 t(i) Browsing time

Title Terms/Index Terms/Additional words: INFORMATION; SYSTEM; UPDATE; USER
 ; PROFILE; BASED; DOCUMENT; VECTOR; STATIC; DYNAMIC; SELECT; UNIT

Class Codes

International Classification (Main): G06F-017/30
 (Additional/Secondary): G06F-012/00, G06F-017/16, G06F-017/60

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H; T01-J04C; T01-J05B; T01-S03

12/5/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012277788 - Drawing available

WPI ACC NO: 2002-218573/200228

Related WPI Acc No: 2000-484515; 2006-579330

XRFX Acc No: N2002-167611

Data processing method for streamed multimedia data, involves selecting segment from media content based on score assigned to input content description data

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: ARAKI S ; EITO M; EMURA K; ETOH M; MUNETSUGI T; MUNETSUGU T

Patent Family (7 patents, 30 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 1134740	A2	20010919	EP 2001103617	A	20010222	200228 B
CN 1321944	A	20011114	CN 2001111292	A	20010316	200228 E
JP 2001333353	A	20011130	JP 2000190008	A	20000623	200228 E
KR 2001090447	A	20011018	KR 200113546	A	20010316	200228 E
US 20020002564	A1	20020103	US 1999467231	A	19991220	200228 E
			US 2001785063	A	20010216	
JP 2004140874	A	20040513	JP 2000190008	A	20000623	200432 E
			JP 20047852	A	20040115	
JP 3824318	B2	20060920	JP 2000190008	A	20000623	200662 E
			JP 20047852	A	20040115	

Priority Applications (no., kind, date): JP 1998371483 A 19981225; JP 1999271404 A 19990924; JP 1999350479 A 19991209; JP 200074875 A 20000316; JP 2000190008 A 20000623

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1134740	A2	EN	296	270	
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR					
IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2001333353	A	JA	138		
US 20020002564	A1	EN			C-I-P of application US 1999467231
JP 2004140874	A	JA	109		Division of application JP 2000190008
JP 3824318	B2	JA	109		Division of application JP 2000190008
					Previously issued patent JP 2004140874

Alerting Abstract EP A2

NOVELTY - The content description data in a hierarchical structure are input. The hierarchical structure consists of several layers including respective elements which represent media content, media segment formed by dividing media contents and set of scenes respectively. A segment is selected from the media content based on score assigned to the content description data.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Data processing device;
- 2.Recording medium recording program for processing data;
- 3.Data processing program

USE - For processing audio-video data of motion picture, video program, audio program used in moving picture experts group (MPEG) system.

ADVANTAGE - Since the media segment is selected based on determination of assignment of scores to the description data, the time required for selecting the segment is reduced, hence a desired scene can be selected efficiently.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the data processing method.

Title Terms/Index Terms/Additional words: DATA; PROCESS; METHOD; STREAM; SELECT; SEGMENT; MEDIUM; CONTENT ; BASED; SCORE; ASSIGN; INPUT; DESCRIBE

Class Codes

International Classification (Main): G11B-027/00, H04N-005/76, H04N-005/91
(Additional/Secondary): G06F-017/30, G11B-027/10, H04N-005/92, H04N-005/93

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30	A	I		R	20060101
G11B-0027/10	A	I		R	20060101
G11B-0027/28	A	I		R	20060101
H04N-0005/76	A	I	L	B	20060101
H04N-0005/91	A	I	F	B	20060101
H04N-0005/92	A	I	L	B	20060101
G06F-0017/30	C	I		R	20060101
G11B-0027/10	C	I		R	20060101
G11B-0027/28	C	I		R	20060101

US Classification, Issued: 707500100

File Segment: EPI;

DWPI Class: T01; W04

Manual Codes (EPI/S-X): T01-H07C3D; T01-J05B2B; T01-S01B; T01-S03; W04-H01

12/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011189184 - Drawing available

WPI ACC NO: 2002-127353/

XRPX ACC No: N2002-095789

Data analysis method involves mapping contents and attribute data, by analyzing attribute data obtained from user, and content information

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: ARAKI S.; KUTSUMI H; NAITO E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 2001331516	A	20011130	JP 2000150963	A	20000523	200217 B

Priority Applications (no., kind, date): JP 2000150963 A 20000523

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001331516	A	JA	11	10	

Alerting Abstract JP A

NOVELTY - A sample and a category are grouped and arranged in an Euclidean space. The attribute data obtained from a user, and the content information are analyzed, based on which the mapping of contents and attribute data is performed.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Information search method;
- 2.Information provision method

USE - For analyzing data about individual hobby, preference, purchase action, etc.

ADVANTAGE - By mapping the content information and attribute data, searching is simplified and information can be obtained easily.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the data analysis method. (Drawing includes non-English language text).

Title Terms/Index Terms/Additional Words: DATA; ANALYSE; METHOD; MAP; CONTENT ; ATTRIBUTE; OBTAIN; USER; INFORMATION

Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B1; T01-J05B2

12/5/21 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011154376 - Drawing available

WPI ACC NO: 2002-091654/

XRPX ACC No: N2002-067505

Information recommendation apparatus for Internet, selects and recommends contents coinciding with or similar to input condition, from multiple contents stored in database

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: ARAKI S ; HIRATSUKA T ; JITOSHO H ; JITOUSHO Y ; KUTSUMI H ;

NAITO E

Patent Family (5 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 1156424	A2	20011121	EP 2001111063	A	20010508	200213	B
US 20010044759	A1	20011122	US 2001851791	A	20010509	200213	E
JP 2002041670	A	20020208	JP 200197578	A	20010329	200215	E
CN 1324045	A	20011128	CN 2001116949	A	20010509	200219	E
KR 2001106218	A	20011129	KR 200125065	A	20010509	200234	E

Priority Applications (no., kind, date): JP 2000145169 A 20000517

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1156424	A2	EN	64	29		

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2002041670 A JA 44

Alerting Abstract EP A2

NOVELTY - An input unit (3) inputs conditions representing predetermined items and attribute values designated by user terminal (100) through Internet (500). A recommendation unit (4) selects and recommends a content from multiple contents stored in content database (2), the selected content coinciding with the input condition. The contents are then output to user.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Information recommendation system;
- 2.Information recommendation program

USE - For providing requested information from abundant information through Internet for e.g. providing recipes for presentable dishes, recipes for nutritionally balanced dishes, etc., as registered by cooking specialists, dietitians, etc.

ADVANTAGE - Enables to prepare abundant contents. Enables to recover maintenance cost for constructing and maintaining a large database. Enables to easily find out information that is exactly suitable for user but unnoticed. Provides recipes suited for actual daily menus for family. Provides recipes not void of viewpoints obtained by result of actually using the recipes and suited for actual situations.

DESCRIPTION OF DRAWINGS - The figure shows the system configuration view of information recommendation apparatus.

- 2 Content database
- 3 Input unit
- 4 Recommendation unit
- 100 User terminal
- 500 Internet

Title Terms/Index Terms/Additional words: INFORMATION; APPARATUS; SELECT; CONTENT ; COINCIDE; SIMILAR; INPUT; CONDITION; MULTIPLE; STORAGE; DATABASE

Class Codes

International Classification (Main): G06F-017/00, G06F-017/30 , G06F-017/60

(Additional/Secondary): G06F-015/18, G06F-007/00

US Classification, Issued: 705027000, 705014000, 707104100

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B4P; T01-N01A2A; T01-S03

12/5/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010728083 - Drawing available
WPI ACC NO: 2001-339810/
XRPX ACC No: N2001-245794
User information recommendation procedure for internet, involves
selecting introduction information from user profile, based on degree of
recommendation and recommends to user
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)
Inventor: ARAKI S ; KUTSUMI H ; MARUNO S ; NAITO E
Patent Family (1 patents, 1 countries)
Patent Application
Number Kind Date Number Kind Date Update
JP 2001092832 A 20010406 JP 1999266805 A 19990921 200136 B

Priority Applications (no., kind, date): JP 1999266805 A 19990921

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001092832	A	JA	9	16	

Alerting Abstract JP A

NOVELTY - The user profile stored in memory (101), is updated (102) based on user's information perusal log. The stored information based on information recommended is acquired (104) and both information are evaluated (105) to determine degree of recommendation. A selection unit (106) selects the introduction information and recommends to the user based on determined recommendation degree.

USE - For use in internet for presenting desired information to user.

ADVANTAGE - Reduces presentation of meaningless information.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of user information recommendation apparatus. (Drawing includes non-English language text).

- 101 Memory
- 102 Updating unit
- 104 Introduction information acquisition unit
- 105 Introduction information evaluation unit
- 106 Selection unit

Title Terms/Index Terms/Additional words: USER; INFORMATION; PROCEDURE;
SELECT; INTRODUCING; PROFILE; BASED; DEGREE

Class Codes

International Classification (Main): G06F-017/30
(Additional/Secondary): G06F-013/00

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H; T01-J05B

12/5/24 (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corporation. All rts. reserv.

0010237512
WPI ACC NO: 2000-549170/200050
XRPX ACC No: N2000-406261
Information transfer system and apparatus for preparing electronic mail
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC
IND CO LTD (MATU)
Inventor: ANO T; ARAKI S ; IMANAKA T; KUTSUMI H ; MIURA K; MIURA Y; TADA

C
Patent Family (13 patents, 23 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2000048095	A1	20000817	WO 2000JP782	A	20000214	200050	B
JP 2000305952	A	20001102	JP 200037277	A	20000215	200061	E
JP 2001027977	A	20010130	JP 200037278	A	20000215	200110	E
EP 1178411	A1	20020206	EP 2000902938	A	20000214	200218	E
			WO 2000JP782	A	20000214		
KR 2001108215	A	20011207	KR 2001710293	A	20010814	200236	E
CN 1347530	A	20020501	CN 2000806269	A	20000214	200252	E
JP 2002215626	A	20020802	JP 200037277	A	20000215	200255	E
			JP 2001311794	A	20000215		
JP 3497491	B2	20040216	JP 200037277	A	20000215	200413	E
			JP 2001311794	A	20000215		
JP 2004054927	A	20040219	JP 2001311794	A	20000215	200414	E
			JP 2003177197	A	20030620		
JP 2004139602	A	20040513	JP 200037278	A	20000215	200432	E
			JP 2003359891	A	20031020		
CN 1542668	A	20041103	CN 2000806269	A	20000214	200514	E
			CN 200410043499	A	20000214		
CN 1156780	C	20040707	CN 2000806269	A	20000214	200612	E
US 7010533	B1	20060307	WO 2000JP782	A	20000214	200618	E
			US 2001913614	A	20011205		

Priority Applications (no., kind, date): JP 199936089 A 19990215; JP 1999127643 A 19990507

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000048095	A1	JA	0	0	
National Designated States,Original: CN KR US					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LU MC NL PT SE					
JP 2000305952	A	JA	26		
JP 2001027977	A	JA	25		
EP 1178411	A1	EN			PCT Application WO 2000JP782 Based on OPI patent WO 2000048095
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LI LU MC NL PT SE					
JP 2002215626	A	JA	18		Division of application JP 200037277
JP 3497491	B2	JA	17		Division of application JP 200037277 Previously issued patent JP 2002215626
JP 2004054927	A	JA	25		Division of application JP 2001311794
JP 2004139602	A	JA	27		Division of application JP 200037278
CN 1542668	A	ZH			Division of application CN 2000806269
US 7010533	B1	EN			PCT Application WO 2000JP782 Based on OPI patent WO 2000048095

Alerting Abstract WO A1

NOVELTY - An information transfer system comprising: information input means for search conditions; database; search means for searching the database for contents based on the search conditions; display means for displaying the retrieved contents; selection means for selecting one or more from the retrieved contents; and output means for sending a supply device a specified content selected by the selection means and for specifying the operation of the supply device.

USE - None given.

Title Terms/Index Terms/Additional words: INFORMATION; TRANSFER; SYSTEM;
APPARATUS; PREPARATION; ELECTRONIC; MAIL

Class Codes

International Classification (Main): G06F-013/00, G06F-017/30
(Additional/Secondary): G06F-017/21, G06F-017/24, G06F-003/00, G10K-015/02
, G10K-015/04, H04M-011/00, H04N-005/76, G06F-017/60

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I F B 20060101

G06F-0017/30 A I R 20060101

G06F-0017/30 C I R 20060101

US Classification, Issued: 707010000, 707001000, 709200000, 709201000,
709206000, 709207000

File Segment: EngPI; EPI;

DWPI Class: T01; W01; P86

Manual Codes (EPI/S-X): T01-C; T01-H; T01-H07C1; T01-J05B; T01-J11A;
W01-A06E1; W01-A06G2; W01-A06X

12/5/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010175026 - Drawing available

WPI ACC NO: 2000-484515/200043

Related WPI Acc No: 2002-218573; 2006-579330

XRPX Acc No: N2000-360207

Data processing device for viewing, playback of motion picture, video
program or audio program has selection device for selecting at least one
segment from media content on basis of score assigned to context
description data

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC
IND CO LTD (MATU)

Inventor: ARAKI S ; EIDO M; EITO M; EMURA K; ETOH M; MUNETSUGI T;
MUNETSUGU T; MUNEISUZUKU T

Patent Family (11 patents, 29 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 1014280	A2	20000628	EP 1999125526	A	19991222	200043	B
CN 1264876	A	20000830	CN 1999122988	A	19991225	200059	E
KR 2000057101	A	20000915	KR 199962226	A	19991224	200122	E
JP 2001160066	A	20010612	JP 1999350479	A	19991209	200139	E
JP 2004127324	A	20040422	JP 1999350479	A	19991209	200428	E
			JP 20047748	A	20040115		
JP 2004140875	A	20040513	JP 1999350479	A	19991209	200432	E
			JP 20047922	A	20040115		
US 20040133569	A1	20040708	US 1999467231	A	19991220	200445	E
			US 2003733981	A	20031211		
CN 1529265	A	20040915	CN 1999122988	A	19991225	200501	E
			CN 200310120238	A	19991225		
KR 2004096485	A	20041116	KR 200478821	A	20041004	200522	E
JP 2005166063	A	20050623	JP 1999350479	A	19991209	200541	E
			JP 2004369134	A	20041221		
CN 1170237	C	20041006	CN 1999122988	A	19991225	200615	E

Priority Applications (no., kind, date): JP 1998371483 A 19981225; JP
1999271404 A 19990924; JP 1999350479 A 19991209

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1014280	A2	EN	279	252	

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

	IE	IT	LI	LT	LU	LV	MC	MK	NL	PT	RO	SE	SI
KR	2000057101				A		KO			252			
JP	2001160066				A		JA	144					
JP	2004127324				A		JA	101				Division of application	JP 1999350479
JP	2004140875				A		JA	101				Division of application	JP 1999350479
US	20040133569				A1		EN					Continuation of application	US
	1999467231												
CN	1529265				A		ZH					Division of application	CN 1999122988
JP	2005166063				A		JA	101				Division of application	JP 1999350479

Alerting Abstract EP A2

NOVELTY - The highest hierarchical layer is formed from a single element representing a content. A lowest hierarchical layer is formed from an element representing a segment of media content, which corresponds to a change between scenes of a video data or a change in audible tones. The remaining hierarchical layers are formed from an element representing a scene or a collection of scenes.

USE - In a media content data processing device for viewing, playback and delivering of continuous audio-visual data such as motion picture, a video program or an audio program.

ADVANTAGE - Allows playing back a synopsis or a highlight scene or media content or only a scene or media content desired by the audience is played back and delivered. Allows controlling the amount of data to be delivered in accordance with the traffic volume of a line through which the user establishes communication with a server.

DESCRIPTION OF DRAWINGS - The drawing is a block diagram showing a data processing method according to a first embodiment of the present invention.

Title Terms/Index Terms/Additional words: DATA; PROCESS; DEVICE; VIEW; PLAYBACK; MOTION; PICTURE; VIDEO; PROGRAM; AUDIO; SELECT; ONE; SEGMENT; MEDIUM; CONTENT; BASIS; SCORE; ASSIGN; CONTEXT; DESCRIBE

Class Codes

International Classification (Main): G06F-017/30, H04N-005/91

(Additional/Secondary): H04N-005/76, H04N-005/92

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 A I R 20060101

G06F-0017/30 C I R 20060101

US Classification, Issued: 707003000

File Segment: EPI;

DWPI Class: T01; W02; W03

Manual Codes (EPI/S-X): T01-J05B; T01-J11C1; T01-J30; T01-S01B; W02-F10; W03-A16C5

12/5/26 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009100628 - Drawing available

WPI ACC NO: 1999-019762/

XRPX ACC No: N1999-016064

Information display method for facsimile - involves deciding contents of data display by contents determining unit, based on predetermined data structure and data stored in respective memories

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: IMANAKA T; KUTSUMI H; MATSUURA S; MIURA Y

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 10289236	A	19981027	JP 199793495	A	19970411	199902 B

Priority Applications (no., kind, date): JP 199793495 A 19970411

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 10289236	A	JA	20	33	

Alerting Abstract JP A

The method involves providing an identifier which designates a predetermined data structure formed by combining data received by a receiver (1) along with an attribute value. The received data is stored in a data memory unit (2). The designated predetermined data structure is stored in a data structure memory unit (4).

When a demand reception unit (3) receives a presentation demand of an information from a user, the contents of data display is decided by a contents determining unit, based on the predetermined data structure stored in the data structure memory and stored data in the data memory unit. Based on this fixation, data is displayed in a data display unit (6).

USE - In internet.

ADVANTAGE - Extends information communication to wide range thereby including data transmission efficiency.

Title Terms/Index Terms/Additional words: INFORMATION; DISPLAY; METHOD; FACSIMILE; DECIDE; CONTENT ; DATA; DETERMINE; UNIT; BASED; PREDETERMINED ; STRUCTURE; STORAGE; RESPECTIVE; MEMORY

Class Codes

International Classification (Main): G06F-017/30

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-H07C5E; T01-J05B; W01-A06B7

12/5/27 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01285623 **Image available**

VIEWING SUPPORT DEVICE AND PROGRAM RECORDING SYSTEM

DISPOSITIF D'ASSISTANCE A LA VISUALISATION ET SYSTEME D'ENREGISTREMENT DE PROGRAMME

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501, JP, JP (Residence), JP (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

OZAWA Jun, -- (Residence), -- (Nationality), (Designated only for: US)

NAITO Eiichi, -- (Residence), -- (Nationality), (Designated only for: US)

Legal Representative:

NII Hiromori (agent), c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200594073 A1 20051006 (WO 0594073)

Application: WO 2005JP5351 20050324 (PCT/WO JP05005351)

Priority Application: JP 200489681 20040325

Designated States:--

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
 DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
 RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM
 ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
 PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): H04N-005/76

International Patent Class (v7): G06F-017/60 ; H04M-011/00; H04N-005/765;
 H04N-007/173

Publication Language: Japanese

Filing Language: Japanese

English Abstract

There are provided a viewing support device and a program recording system capable of performing support so that even when a user is at a place different from the place of the user residence, a program currently broadcast and a program to be broadcast can easily be recorded by a domestic recording device. The viewing support device (100) includes: a recording device position acquisition unit (101) for acquiring a position where a recording device is installed; a recording-enabled program table acquisition unit (102) for acquiring a program table (recording-enabled program table) of a broadcast content in the place where the recording device is installed; a view-enabled program table acquisition unit (103) for acquiring a program table (view-enabled program table) of a broadcast content at the current place; an identical program judgment unit (104) for comparing the view-enabled program table to the recording-enabled program table so as to judge whether the respective programs are identical; and a display unit (105) for displaying whether the program currently viewed can be recorded by the recording device according to the judgment on identity made by the identical program judgment unit (104).

French Abstract

Il est fourni un dispositif d'assistance a la visualisation et un systeme d'enregistrement de programme pouvant effectuer une assistance de sorte que meme que lorsqu'un utilisateur se trouve a un emplacement different de l'emplacement de la residence de l'utilisateur, un programme diffuse actuellement et un programme a diffuser peuvent facilement etre enregistres par un dispositif domestique d'enregistrement. Le dispositif d'assistance a la visualisation (100) comprend : une unite d'acquisition de position de dispositif d'enregistrement (101) destinee a acquerir une table de programmes (table de programmes d'enregistrements valides) d'un contenu diffuse a l'emplacement ou est installe le dispositif d'enregistrement, une unite de l'acquisition de table de programmes de visualisations validees (103) destinee a acquerir une table de programmes (table de programmes de visualisations validees) d'un contenu diffuse a l'emplacement actuel, une unite d'evaluation de programmes identiques (104) destinee a comparer la table de programmes de visualisations validees a la table de programmes d'enregistrements valides de facon a evaluer si les programmes respectifs sont identiques, et une unite d'affichage (105) destinee a afficher si le programme actuellement visualise peut etre enregistre par le dispositif d'enregistrement conformement a l'evaluation d'identite realisee par l'unite d'evaluation de programmes identiques (104).

Legal Status (Type, Date, Text)

Publication 20051006 A1 with international search report.

Examination 20060518 Request for preliminary examination prior to end of
 19th month from priority date

12/5/28 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01258560 **Image available**

DICTIONARY CREATION DEVICE AND DICTIONARY CREATION METHOD
DISPOSITIF DE CREATION DE DICTIONNAIRE ET PROCEDE DE CREATION DE
DICTIONNAIRE

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi
Osaka 5718501, JP, JP (Residence), JP (Nationality), (For all
designated states except: US)

Patent Applicant/Inventor:

KUTSUMI Hiroshi, -- (Residence), -- (Nationality), (Designated only
for: US)

NAITO Eiichi, -- (Residence), -- (Nationality), (Designated only for:
US)

OZAWA Jun, -- (Residence), -- (Nationality), (Designated only for: US)

YOSHIDA Hideyuki, -- (Residence), -- (Nationality), (Designated only for:
US)

Legal Representative:

NII Hiromori (agent), c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro
Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi
Osaka 5320011, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200566837 A1 20050721 (WO 0566837)

Application: WO 2004JP17578 20041126 (PCT/WO JP04017578)

Priority Application: JP 2003433872 20031226

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/30

International Patent Class (v7): H04N-005/44

Publication Language: Japanese

Filing Language: Japanese

English Abstract

There are provided a dictionary creation device and a dictionary creation method capable of appropriately creating and updating a dictionary for classifying, searching, or extracting text information according to the change of the content of text information groups. The dictionary creation device (100) includes: a keyword extraction unit (1) for extracting a keyword from the text information inputted; a keyword statistic unit (2) for calculating the statistic amount associated with the appearance of the keyword; a keyword evaluation value calculation unit (3) for calculating the evaluation value of the extracted keyword according to the statistic amount associated with the appearance of the keyword; a judgment unit (4) for judging whether to register or delete the keyword according to the evaluation value calculated; a dictionary registration/deletion unit (5) for registering or deleting the keyword into/from a dictionary database (102) according to the result of judgment performed by the judgment unit (4); and the dictionary database (102).

French Abstract

La presente invention concerne un dispositif de creation de dictionnaire

et un procede de creation de dictionnaire permettant de creer et d'actualiser, de maniere appropriee, un dictionnaire pour classifier, rechercher ou extraire des informations textuelles en fonction de la modification du contenu de groupes d'informations textuelles. Le dispositif (100) de creation de dictionnaire decrit dans cette invention comprend : une unite d'extraction de mot-cle (1) permettant d'extraire un mot-cle d'informations textuelles entrees ; une unite statistique de mot-cles (2) permettant de calculer la quantite statistique associee a l'apparition du mot-cle ; une unite de calcul de valeurs d'evaluation de mot-cle (3) permettant de calculer la valeur d'evaluation du mot-cle extrait d'apres la quantite statistique associee a l'apparition du mot-cle ; une unite de decision (4) concue pour decider s'il convient d'enregistrer ou de supprimer le mot-cle d'apres la valeur d'evaluation calculee ; une unite d'enregistrement/suppression de dictionnaire (5) concue pour enregistrer ou supprimer le mot-cle dans/de la base de donnees de dictionnaires (102) d'apres le resultat de la decision executee par l'unite de decision (4) ; et la base de donnees de dictionnaires (102).

Legal Status (Type, Date, Text)

Publication 20050721 A1 With international search report.

Examination 20050825 Request for preliminary examination prior to expiration of applicable time limit under Rule 54bis.1(a)

12/5/29 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01126592 **Image available**

OPERATION HISTORY UTILIZATION SYSTEM AND METHOD THEREOF

SYSTEME D'UTILISATION DE L'HISTORIQUE D'UN FONCTIONNEMENT ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JP, JP (Residence), JP (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

KUTSUMI Hiroshi, 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi, Osaka 570-0042, JP, JP (Residence), JP (Nationality), (Designated only for: US)

ARAKI Shouichi, 15-22-503, Imafukuhigashi 3-chome, Joto-ku, Osaka-shi, Osaka 536-0002, JP, JP (Residence), JP (Nationality), (Designated only for: US)

YOSHIDA Atsushi, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055, JP, JP (Residence), JP (Nationality), (Designated only for: US)

MATSUURA Satoshi, 45-5, Tanabe Dojo, Kyotanabe-shi, Kyoto 610-0331, JP, JP (Residence), JP (Nationality), (Designated only for: US)

Legal Representative:

NII Hiromori (agent), c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200449225 A1 20040610 (WO 0449225)

Application: WO 2003JP14776 20031120 (PCT/WO JP03014776)

Priority Application: JP 2002339702 20021122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH,CY,CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: Japanese

Filing Language: Japanese

English Abstract

An operation history utilization system includes a terminal electric appliance (101), a server electric appliance (user server) (102), and an application server (103) which are connected to one another by a network. On the terminal electric appliance (101), there is mounted a device agent (201) for recording the device operated by a user, the operation content, and the operation time as an operation history set. On the server electric appliance (102), there is mounted a user agent (202) for receiving the operation history transmitted from the device agent (201) at a predetermined timing and managing the history in a centralized manner. On the application server (103), there is mounted a service concierge (203) for providing a service, considering the user's taste by inquiring the user agent (202) about the operation history.

French Abstract

L'invention concerne un systeme d'utilisation de l'historique d'un fonctionnement comprenant un appareil electrique de terminal (101), un appareil electrique de serveur (serveur utilisateur) (102) et un serveur d'applications (103) connectes les uns aux autres au moyen d'un reseau. Un agent de dispositif (201) est monte sur l'appareil electrique de terminal (101) afin d'enregistrer le dispositif mis en oeuvre par un utilisateur, le contenu du fonctionnement et le temps de fonctionnement sous la forme d'un ensemble d'historique de fonctionnement. Un agent utilisateur (202) est monte sur l'appareil electrique de serveur (102) afin de recevoir l'historique du fonctionnement emis depuis l'agent de dispositif (201) a un moment predetermine et afin de gerer l'historique de maniere centralisee. Un concierge de services (203) est monte sur le serveur d'applications (103) afin de fournir un service en fonction des gouts de l'utilisateur obtenus par enquete de l'agent utilisateur (202) sur l'historique du fonctionnement.

Legal Status (Type, Date, Text)

Publication 20040610 A1 with international search report.

Examination 20040708 Request for preliminary examination prior to end of 19th month from priority date

12/5/30 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Thomson. All rts. reserv.

01126591 **Image available**

ATTENDANT CIRCUMSTANCE UTILIZATION DEVICE

DISPOSITIF PERMETTANT DE METTRE A PROFIT LE TYPE D'UNE PERSONNE
ACCOMPAGNANTE

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501, JP, JP (Residence), JP (Nationality), (For all
designated states except: US)

Patent Applicant/Inventor:

ARAKI Shouichi, 15-22-503, Imafukuhigashi 3-chome, Joto-ku,
Osaka-shi, Osaka 536-0002, JP, JP (Residence), JP (Nationality),
(Designated only for: US)

KUTSUMI Hiroshi, 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi,
Osaka 570-0042, JP, JP (Residence), JP (Nationality), (Designated only
for: US)

YOSHIDA Atsushi, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055,
JP, JP (Residence), JP (Nationality), (Designated only for: US)

Legal Representative:

NII Hiromori (agent), c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro
Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi,
Osaka 532-0011, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200449224 A1 20040610 (WO 0449224)

Application: WO 2003JP14775 20031120 (PCT/WO JP03014775)

Priority Application: JP 2002338984 20021122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: Japanese

Filing Language: Japanese

English Abstract

An attendant circumstance utilization device provides an optimal device function or a content to a user, considering an attendant circumstance with whom the user is. The device includes an attendant person ID detection section (101) for detecting attendant person information (attendant person ID) indicating with whom the user is and a device operation detection section (103) for detecting the device operation. The attendant person ID history is accumulated in the attendant person ID database (102) while relating the device operation history to the operation history database (104) at each detection time. By using a new attendant person ID detected by the attendant person ID detection section (101), the attendant person ID history in the attendant person ID database (102), and the device operation history in the operation history database (104), an attendant circumstance-dependent operation behavior judgment section (105) identifies a particular device operation behavior performed when the user was together with the current attendant person in the past. A function/ content providing section (106) provides a device function or a content in accordance with the particular device operation behavior to the user.

French Abstract

Dispositif permettant de mettre a profit le type d'une personne accompagnante, qui fournit a un utilisateur une fonction de dispositif optimale ou un contenu, sur la base du type de personne accompagnante avec qui se trouve l'utilisateur. Ledit dispositif comporte une partie de detection (101) de l'identification d'une personne accompagnante permettant de detecter des informations relatives a la personne accompagnante (identification de la personne accompagnante) indiquant avec qui est l'utilisateur et une partie de detection (103) de fonctionnement de dispositif permettant de detecter le fonctionnement du dispositif. L'historique d'identification de la personne accompagnante est stocke dans la base de donnees d'identification (102) de la personne accompagnante, l'historique de fonctionnement de dispositif etant mis en relation avec la base de donnees (104) d'historique de fonctionnement a chaque moment de detection. Sur la base d'une nouvelle identification de personne accompagnante detectee par la partie de detection (101) d'identification de personne accompagnante, de l'historique d'identification de la personne accompagnante dans la base de donnees

d'identification (102) de personne accompagnante et de l'historique de fonctionnement du dispositif dans la base de donnees (104) d'historique de fonctionnement, une partie de jugement (105) de comportement de fonctionnement en fonction du type de personne accompagnante identifie un comportement de fonctionnement particulier du dispositif, comportement pris lorsque l'utilisateur etait dans le passe avec la personne l'accompagnant sur le moment. Une partie de fourniture de contenu / fonction (106) fournit a l'utilisateur une fonction de dispositif ou un contenu selon le comportement de fonctionnement particulier du dispositif.

Legal Status (Type, Date, Text)

Publication 20040610 A1 with international search report.

Examination 20040708 Request for preliminary examination prior to end of 19th month from priority date

12/5/31 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01122018 **Image available**

VIEWING HISTORY RECORDING METHOD AND VIEWING HISTORY USE METHOD

PROCEDE D'ENREGISTREMENT D'HISTORIQUE DE VISUALISATION ET PROCEDE D'UTILISATION D'HISTORIQUE DE VISUALISATION

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JP, JP (Residence), JP (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MATSUURA Satoshi, 45-5, Tanabe-dojo, Kyotanabe-shi, Kyoto 610-0331, JP, JP (Residence), JP (Nationality), (Designated only for: US)

KUTSUMI Hiroshi, 1-4-31, Terakata-nishikidori, Moriguchi-shi, Osaka 570-0042, JP, JP (Residence), JP (Nationality), (Designated only for: US)

YOSHIDA Atsushi, Shofuryo, 3-14, Miyuki-higashimachi, Neyagawa-shi, Osaka 572-0055, JP, JP (Residence), JP (Nationality), (Designated only for: US)

ARAKI Shoichi, 3-15-22-503, Imafuku-higashi, Joto-ku, Osaka-shi, Osaka 536-0002, JP, JP (Residence), JP (Nationality), (Designated only for: US)

Legal Representative:

MAEDA Hiroshi (et al) (agent), Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-cho4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200445221 A1 20040527 (WO 0445221)

Application: WO 2003JP14484 20031113 (PCT/WO JP03014484)

Priority Application: JP 2002330892 20021114

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): H04N-017/00

International Patent Class (v7): H04N-005/44; G06F-017/60

Publication Language: Japanese

Filing Language: Japanese

English Abstract

In an electric device (11) such as a digital TV, a device agent (20) records a set of viewing date and time, a medium type identifier, and a content identifier as viewing history data. In a server device (12), a user agent (30) receives the viewing history data from the device agent (20) and registers it in a viewing history database. External service concierges (40, 50) access the server device (12) to utilize the content viewing history as a whole in the electric device (11) owned by a user.

French Abstract

Dans un dispositif electrique (11), tel qu'une tele numerique, un agent de dispositif (20) enregistre un ensemble date et heure de visualisation, un identificateur de type de support et un identificateur de contenu sous la forme de donnees d'historique de visualisation. Dans un dispositif serveur (12), un agent d'utilisateur (3) recoit les donnees d'historique de visualisation en provenance de l'agent de dispositif (20) et les enregistre dans une base de donnees d'historique de visualisation. Des services de conciergerie externes (40,50) accedent au dispositif serveur (12), afin d'utiliser l'historique de visualisation de contenu dans son ensemble dans le dispositif electrique (11) propriete de l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20040527 A1 with international search report.

Examination 20040624 Request for preliminary examination prior to end of 19th month from priority date

12/TI,AU,IV,6/1 (Item 1 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0015488178

WPI ACC NO: 2006-024775/200603

Information providing apparatus selects content description information from different types of content description information stored in content description information management apparatus, based on user interest information

Inventor: KUTSUMI H ; NAITO E ; OZAWA J ; YOSHIDA H

Title Terms/Index Terms/Additional words: INFORMATION; APPARATUS; SELECT; CONTENT ; DESCRIBE; TYPE; STORAGE; MANAGEMENT; BASED; USER; INTEREST

Original Publication Data by Authority

Inventor name & address:

OZAWA J,
YOSHIDA H,
NAITO E ,
KUTSUMI H ,

12/TI,AU,IV,6/2 (Item 2 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0015471246

WPI ACC NO: 2005-809007/200582

Merchandise purchase system for network system has updater that specifies user discrimination information stored in user information storage part according to access by mobile terminal specifying merchandise discrimination information

Original Titles:

System method and program for purchasing merchandise
Inventor: ARAKI S

Title Terms/Index Terms/Additional words: MERCHANDISE; PURCHASE; SYSTEM;
NETWORK; SPECIFIED; USER; DISCRIMINATE; INFORMATION; STORAGE; PART;
ACCORD; ACCESS; MOBILE; TERMINAL

Original Publication Data by Authority

Inventor name & address:
Araki, Shinichi , Tokyo, JP, Tokyo, JP

12/TI,AU,IV,6/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0015350489
WPI ACC NO: 2005-700748/200572
Broadcast program watching support apparatus for television, judges
similarity of program in watching guide in current location of support
apparatus and program in recordable program guide in current location of
recording apparatus

Original Titles:
Watching support apparatus and program recording system
VIEWING SUPPORT DEVICE AND PROGRAM RECORDING SYSTEM
DISPOSITIF D'ASSISTANCE A LA VISUALISATION ET SYSTEME D'ENREGISTREMENT DE
PROGRAMME
Inventor: NAITO E ; OZAWA J

Title Terms/Index Terms/Additional words: BROADCAST; PROGRAM; WATCH;
SUPPORT; APPARATUS; TELEVISION; JUDGEMENT; SIMILAR; GUIDE; CURRENT;
LOCATE; RECORD

Original Publication Data by Authority

Inventor name & address:
Ozawa, Jun, Nara-shi, JP, Nara-shi, JP
Naito, Eiichi , Yawata-shi, JP, Yawata-shi, JP
OZAWA, Jun,
NAITO, Eiichi ,

12/TI,AU,IV,6/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0015184107
WPI ACC NO: 2005-533699/200554
Dictionary production apparatus for internet search system, determines
whether keyword is registered into dictionary, or deleted from dictionary
based on evaluated value of keyword

Original Titles:
DICTIONARY CREATION DEVICE AND DICTIONARY CREATION METHOD
DISPOSITIF DE CREATION DE DICTIONNAIRE ET PROCEDE DE CREATION DE
DICTIONNAIRE
Inventor: KUTSUMI H ; NAITO E ; OZAWA J; YOSHIDA H

Title Terms/Index Terms/Additional words: DICTIONARY; PRODUCE; APPARATUS;
SEARCH; SYSTEM; DETERMINE; KEYWORD; REGISTER; DELETE; BASED; EVALUATE;
VALUE

Original Publication Data by Authority

Inventor name & address:

KUTSUMI, Hiroshi ,
NAITO, Eiichi ,
OZAWA, Jun,
YOSHIDA, Hideyuki,

12/TI,AU,IV,6/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0015059785

WPI ACC NO: 2005-409005/200542

Electronic music distribution system calculates bargain price of music
content requested by user based on title information stored in recording
media read by user terminal

Original Titles:

SERVICE-PROVIDING SYSTEM, SERVICE-PROVIDING METHOD AND USER TERMINAL
Inventor: ARAKI S

Title Terms/Index Terms/Additional words: ELECTRONIC; MUSIC; DISTRIBUTE;
SYSTEM; CALCULATE; PRICE; CONTENT ; REQUEST; USER; BASED; TITLE;
INFORMATION; STORAGE; RECORD; MEDIUM; READ; TERMINAL

Original Publication Data by Authority

Inventor name & address:

ARAKI SATOSHI ,

12/TI,AU,IV,6/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0014635017

WPI ACC NO: 2004-817016/

Content information providing method involves storing information about
evaluation of content by several users and corresponding evaluation date,
and determining similarity between users, at set time period

Original Titles:

INFORMATION PROVIDING METHOD, INFORMATION PROVIDING SYSTEM, ITS PROGRAM,
AND PROGRAM STORAGE MEDIUM
Inventor: NAITO E ; OZAWA

Title Terms/Index Terms/Additional words: CONTENT ; INFORMATION; METHOD;
STORAGE; EVALUATE; USER; CORRESPOND; DATE; DETERMINE; SIMILAR; SET; TIME;
PERIOD

Original Publication Data by Authority

Inventor name & address:

NAITO EIICHI ,
OZAWA JUN,

12/TI,AU,IV,6/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0014264192

WPI ACC NO: 2004-450534/200442

Device operation history utilization system e.g. for digital TV, has application server for providing service by inquiring user agent about preset operation history including operation time and content of device operated by user

Original Titles:

OPERATION HISTORY UTILIZATION SYSTEM AND METHOD THEREOF
OPERATION HISTORY UTILIZATION SYSTEM AND ITS METHOD
Operation history utilization system and method thereof
OPERATION HISTORY UTILIZATION SYSTEM AND METHOD THEREOF
SYSTEME D'UTILISATION DE L'HISTORIQUE D'UN FONCTIONNEMENT ET PROCEDE ASSOCIE

Inventor: ARAKI S ; KUTSUMI H ; MATSUURA S; YOSHIDA A

Title Terms/Index Terms/Additional words: DEVICE; OPERATE; HISTORY; UTILISE
; SYSTEM; DIGITAL; TELEVISION; APPLY; SERVE; SERVICE; USER; AGENT; PRESET
; TIME; CONTENT

Original Publication Data by Authority

Australia

Publication No. AU 2003284584 A1 (Update 200471 E)

Publication Date: 20040618

OPERATION HISTORY UTILIZATION SYSTEM AND METHOD THEREOF

Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: KUTSUMI H

ARAKI S

YOSHIDA A

MATSUURA S

Language: EN

Application: AU 2003284584 A 20031120 (Local application)

Priority: JP 2002339702 A 20021122

Related Publication: WO 2004049225 A (Based on OPI patent)

Current IPC: G06Q-30/00(R,I,M,EP,20060101,20051008,A)

G06Q-30/00(R,I,M,EP,20060101,20051008,C)

Inventor name & address:

KUTSUMI H ,

ARAKI S ,

YOSHIDA A,

MATSUURA S,

KUTSUMI HIROSHI ,

ARAKI SHOICHI ,

YOSHIDA ATSUSHI,

MATSUURA SATOSHI,

Kutsumi, Hiroshi , Moriguchi-shi, JP, Moriguchi-shi, JP

Araki, Shouichi , Osaka-shi, JP, Osaka-shi, JP

Yoshida, Atsushi, Neyagawa-shi, JP, Neyagawa-shi, JP

Matsuura, Satoshi, Kyotanabe-shi, JP, Kyotanabe-shi, JP

KUTSUMI, Hiroshi , 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi,

Osaka 570-0042, JP, JP

ARAKI, Shouichi , 15-22-503, Imafukuhigashi 3-chome, Joto-ku, Osaka-shi,

Osaka 536-0002, JP, JP

YOSHIDA, Atsushi, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055,
JP, JP

MATSUURA, Satoshi, 45-5, Tanabe Dojo, Kyotanabe-shi, Kyoto 610-0331, JP, JP

12/TI,AU,IV,6/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0014264191

WPI ACC NO: 2004-450533/200442

Attendant circumstance utilization device judges device operation state according to new/old attendant accompanying user, and accordingly provides device function or content by referring corresponding database

Original Titles:

ATTENDANT CIRCUMSTANCE UTILIZATION DEVICE
Attendant circumstance utilization device
ATTENDANT CIRCUMSTANCE UTILIZATION DEVICE
DISPOSITIF PERMETTANT DE METTRE A PROFIT LE TYPE D'UNE PERSONNE
ACCOMPAGNANTE
Inventor: ARAKI S ; KUTSUMI H ; YOSHIDA A

Title Terms/Index Terms/Additional words: ATTEND; CIRCUMSTANCE; UTILISE;
DEVICE; JUDGEMENT; OPERATE; STATE; ACCORD; NEW; ACCOMPANIED; USER;
FUNCTION; CONTENT ; REFER; CORRESPOND; DATABASE

Original Publication Data by Authority

Australia

Publication No. AU-2003302265 A1 (Update 200471 E)

Publication Date: 20040618

ATTENDANT CIRCUMSTANCE UTILIZATION DEVICE

Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: ARAKI S

KUTSUMI H

YOSHIDA A

Language: EN

Application: AU 2003302265 A 20031120 (Local application)

Priority: JP 2002338984 A 20021122

Related Publication: WO 2004049224 A (Based on OPI patent)

Inventor name & address:

ARAKI S ,

KUTSUMI H ,

YOSHIDA A,

Araki, Shouichi , Osaka-shi, JP, Osaka-shi, JP

Kutsumi, Hiroshi , Moriguchi-shi, JP, Moriguchi-shi, JP

Yoshida, Atsushi, Neyagawa-shi, JP, Neyagawa-shi, JP

ARAKI, Shouichi , 15-22-503, Imafukuhigashi 3-chome, Joto-ku, Osaka-shi,
Osaka 536-0002, JP, JPKUTSUMI, Hiroshi , 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi,
Osaka 570-0042, JP, JPYOSHIDA, Atsushi, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055,
JP, JP

12/TI,AU,IV,6/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0014263604

WPI ACC NO: 2004-449942/200442

Operation log cooperation utilizing device detects operation of device by user, stores and administrates detected operation as operation log and transmits current operation log to other device

Original Titles:

OPERATION LOG COOPERATION UTILIZING DEVICE
OPERATIONAL LOG LINKED UTILIZATION DEVICE AND ITS METHOD
Operation log cooperation utilizing device
OPERATION LOG COOPERATION UTILIZING DEVICE
DISPOSITIF UTILISANT DES JOURNAUX D'OPERATION DE COOPERATION
Inventor: ARAKI S ; HIROSHI K; KUTSUMI H ; MATSUURA S; YOSHIDA A

Title Terms/Index Terms/Additional words: OPERATE; LOG; COOPERATE; UTILISE;
DEVICE; DETECT; USER; STORAGE; TRANSMIT; CURRENT

Original Publication Data by Authority

Australia

Publication No. AU 2003277666 A1 (Update 200470 E)

Publication Date: 20040615

OPERATION LOG COOPERATION UTILIZING DEVICE

Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: YOSHIDA A

MATSUURA S

ARAKI S

KUTSUMI H

Language: EN

Application: AU 2003277666 A 20031111 (Local application)

Priority: JP 2002334643 A 20021119

Related Publication: WO 2004046984 A (Based on OPI patent)

Inventor name & address:

YOSHIDA A,

MATSUURA S,

ARAKI S ,

KUTSUMI H ,

ARAKI SHOICHI ,

KUTSUMI HIROSHI ,

YOSHIDA ATSUSHI,

MATSUURA SATOSHI,

Araki, Shouichi , Osaka-shi, JP, Osaka-shi, JP

Hiroshi, Kutsumi, Moriguchi-shi, JP, Moriguchi-shi, JP

Yoshida, Atsushi, Neyagawa-shi, JP, Neyagawa-shi, JP

Matsuura, Satoshi, Kyotanabe-shi, JP, Kyotanabe-shi, JP

ARAKI, Shouichi , 15-22-503, Imafukuhigashi 3-chome, Jyoto-ku, Osaka-shi,

Osaka 536-0002, JP, JP

KUTSUMI, Hiroshi , 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi,

Osaka 570-0042, JP, JP

YOSHIDA, Atsushi, Syofuryou, 3-14, Miyukihigashi-machi, Neyagawa-shi, Osaka

572-0055, JP, JP

MATSUURA, Satoshi, 45-5, Tanabedojyo, Kyotanabe-shi, Kyoto 610-0331, JP, JP

12/TI,AU,IV,6/10 (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0014254671

WPI ACC NO: 2004-440852/200441

Viewing information recording method for digital TV broadcast, involves
receiving viewing history data from device agent and storing in database
for utilizing in digital television

Original Titles:

VIEWING HISTORY RECORDING METHOD AND VIEWING HISTORY USE METHOD

Viewing history recording method and viewing history use method

VIEWING HISTORY RECORDING METHOD AND VIEWING HISTORY USE METHOD

PROCEDE D'ENREGISTREMENT D'HISTORIQUE DE VISUALISATION ET PROCEDE

D'UTILISATION D'HISTORIQUE DE VISUALISATION

Inventor: ARAKI S ; KUTSUMI H ; MATSUURA S; YOSHIDA A

Title Terms/Index Terms/Additional words: VIEW; INFORMATION; RECORD; METHOD
; DIGITAL; TELEVISION; BROADCAST; RECEIVE; HISTORY; DATA; DEVICE; AGENT;
STORAGE; DATABASE; UTILISE

Original Publication Data by Authority

Australia

Publication No. AU 2003280786 A1 (Update 200470 E)

Publication Date: 20040603

VIEWING HISTORY RECORDING METHOD AND VIEWING HISTORY USE METHOD

Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: KUTSUMI H

YOSHIDA A

ARAKI S

MATSUURA S

Language: EN

Application: AU 2003280786 A 20031113 (Local application)

Priority: JP 2002330892 A 20021114

Related Publication: WO 2004045221 A (Based on OPI patent)

Inventor name & address:

KUTSUMI H ,

YOSHIDA A,

ARAKI S ,

MATSUURA S,

Matsuura, Satoshi, Kyoto, JP, Kyoto, JP

Kutsumi, Hiroshi , Osaka, JP, Osaka, JP

Yoshida, Atsushi, Osaka, JP, Osaka, JP

Araki, Shoichi , Osaka, JP, Osaka, JP

MATSUURA, Satoshi, 45-5, Tanabe-dojo, Kyotanabe-shi, Kyoto 610-0331, JP, JP

KUTSUMI, Hiroshi , 1-4-31, Terakata-nishikidori, Moriguchi-shi, Osaka

570-0042, JP, JP

YOSHIDA, Atsushi, Shofuryo, 3-14, Miyuki-higashimachi, Neyagawa-shi, Osaka

572-0055, JP, JP

ARAKI, Shoichi , 3-15-22-503, Imafuku-higashi, Joto-ku, Osaka-shi, Osaka

536-0002, JP, JP

12/TI,AU,IV,6/11 (Item 11 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0014150491

WPI ACC NO: 2004-335391/

Map content production apparatus used in car navigation apparatus,
analyses map data which includes selected landmark data and selects optimal
advance route from actual location to destination

Original Titles:

DEVICE AND METHOD FOR GENERATING MAP CONTENT

Inventor: ABE T; ARAKI S ; INOUE K; MIYAZAWA T; SAITO T; SEKIGUCHI M;

SUZUKI T; YAMAAI T; YAMAGATA H

Title Terms/Index Terms/Additional words: MAP; CONTENT ; PRODUCE;
APPARATUS; CAR; NAVIGATION; ANALYSE; DATA; SELECT; LANDMARK; OPTIMUM;
ADVANCE; ROUTE; ACTUAL; LOCATE; DESTINATION

Original Publication Data by Authority**Inventor name & address:**

SEKIGUCHI MASARU,

MIYAZAWA TOSHIO,

YAMAGATA HIDEAKI,

SAITO TAKASHI,

SUZUKI TOSHIHIRO,

ARAKI SADAFUMI ,

YAMAAI TOSHIFUMI,

ABE TEI,

INOUE KOICHI,

12/TI,AU,IV,6/12 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0013992832

WPI ACC NO: 2004-173996/200417

Digital content utilization system e.g. digital book, displays advertisement data on display of user terminal, when user uses the digital content delivered by server

Original Titles:

DIGITAL CONTENT USING SYSTEM, SERVER, USER TERMINAL, DIGITAL CONTENT USING METHOD, PROGRAM AND RECORDING MEDIUM

Inventor: ARAKI S ; KONO H; SUZUKI Y; TSUDA Y; YOSHIMARU S

Title Terms/Index Terms/Additional words: DIGITAL; CONTENT ; UTILISE; SYSTEM; BOOK; DISPLAY; ADVERTISE; DATA; USER; TERMINAL; DELIVER; SERVE

Original Publication Data by Authority

Inventor name & address:

SUZUKI YUSUKE,
YOSHIMARU SHINICHIRO,
TSUDA YASUHIRO,
ARAKI SHINICHIRO ,
KONO HIDEKI,

12/TI,AU,IV,6/13 (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0013642403

WPI ACC NO: 2003-738335/200370

Network-based digital content utilization system e.g. for digital book identifies digital content store when purchase requisition of user is received and updates number of sales of content corresponding to identified store

Original Titles:

DIGITAL CONTENTS UTILIZATION SYSTEM, SERVER, USER TERMINAL, SHOP SIDE SERVER, DIGITAL CONTENTS UTILIZATION METHOD, PROGRAM, AND RECORDING MEDIUM

Inventor: ARAKI S ; SUZUKI Y; TSUDA Y; YOSHIMARU S

Title Terms/Index Terms/Additional words: NETWORK; BASED; DIGITAL; CONTENT ; UTILISE; SYSTEM; BOOK; IDENTIFY; STORAGE; PURCHASE; USER; RECEIVE; UPDATE; NUMBER; SALE; CORRESPOND

Original Publication Data by Authority

Inventor name & address:

SUZUKI YUSUKE,
YOSHIMARU SHINICHIRO,
TSUDA YASUHIRO,
ARAKI SHINICHIRO ,

12/TI,AU,IV,6/14 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0013529599

WPI ACC NO: 2003-623005/

Content recommendation system for mobile telephone, selects content to be recommended to user, based on priority of user attribute and content attribute

Original Titles:

CONTENT RECOMMENDATION SYSTEM, CONTENT RECOMMENDATION DEVICE, CONTENT RECOMMENDATION METHOD, PROGRAM THEREFOR, AND PROGRAM STORAGE MEDIUM THEREFOR

Inventor: NAITO E ; OZAWA

Title Terms/Index Terms/Additional Words: CONTENT ; SYSTEM; MOBILE; TELEPHONE; SELECT; RECOMMENDED; USER; BASED; PRIORITY; ATTRIBUTE

Original Publication Data by Authority

Inventor name & address:

NAITO EIICHI ,
OZAWA JUN,

12/TI,AU,IV,6/15 (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0013456034

WPI ACC NO: 2003-547524/

Portal site server for mobile telephone, personal handyphone system terminal, outputs content address list based on user's download log acquired from database and download log of another user that is similar to acquired log

Original Titles:

PORTAL SITE SEVER FOR PORTABLE TERMINAL AND ITS PROGRAM

Inventor: ARAKI S ; HOASHI K; INOUE N; MANEI M; MATSUOKA Y; TANAKA T

Title Terms/Index Terms/Additional Words: PORTAL; SITE; SERVE; MOBILE; TELEPHONE; PERSON; SYSTEM; TERMINAL; OUTPUT; CONTENT ; ADDRESS; LIST; BASED; USER; LOG; ACQUIRE; DATABASE; SIMILAR

Original Publication Data by Authority

Inventor name & address:

TANAKA TAKUYA,
HOASHI KEIICHIRO,
INOUE NAOKI,
MATSUOKA YAYOI,
ARAKI SHINICHIRO ,
MANEI MASANOBU,

12/TI,AU,IV,6/16 (Item 16 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0013409292

WPI ACC NO: 2003-499647/200347

Digital content utilization system e.g. for electronic notebook, authenticates utilization of content , when utilization unit identifier extracted while decoding content , is in accord with identifier delivered to utilization unit

Original Titles:

DIGITAL CONTENTS USING SYSTEM, SERVER, USER TERMINAL, DIGITAL CONTENTS USING METHOD, PROGRAM AND RECORDING MEDIUM

Inventor: ARAKI S ; SUZUKI Y; TSUDA Y; YOSHIMARU S

Title Terms/Index Terms/Additional words: DIGITAL; CONTENT ; UTILISE;
SYSTEM; ELECTRONIC; UNIT; IDENTIFY; EXTRACT; DECODE; ACCORD; DELIVER

Original Publication Data by Authority

Inventor name & address:

SUZUKI YUSUKE,
YOSHIMARU SHINICHIRO,
TSUDA YASUHIRO,
ARAKI SHINICHIRO ,

12/TI,AU,IV,6/17 (Item 17 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0013234774

WPI ACC NO: 2003-319869/

Electronic settlement system transfers requested payment of corresponding digital content from customer account to marketing person's account, and transmits preset decoding data to perform decoding of encoded digital content

Original Titles:

ELECTRONIC SETTLEMENT SYSTEM, SELLER SIDE SERVER, CUSTOMER SIDE INFORMATION TERMINAL, SETTLEMENT SIDE SERVER, ELECTRONIC SETTLEMENT METHOD, AND PROGRAM AND RECORDING MEDIUM

Inventor: AIZAWA T; ARAKI S ; KAWAI N; KIGAWA M; SUEMATSU C

Title Terms/Index Terms/Additional words: ELECTRONIC; SETTLE; SYSTEM;
TRANSFER; REQUEST; PAY; CORRESPOND; DIGITAL; CONTENT ; CUSTOMER; ACCOUNT
; MARKET; PERSON; TRANSMIT; PRESET; DECODE; DATA; PERFORMANCE; ENCODE

Original Publication Data by Authority

Inventor name & address:

ARAKI SHINICHIRO ,
KIGAWA MASARU,
AIZAWA TERUAKI,
KAWAI NAOKI,
SUEMATSU CHIHIO,

12/TI,AU,IV,6/18 (Item 18 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0012987514

WPI ACC NO: 2003-065222/

Information recommendations system for internet, updates user profile based on document vector created using static and dynamic document vectors of selected information unit

Original Titles:

SYSTEM, METHOD AND PROGRAM FOR RECOMMENDING INFORMATION, AND RECORDING MEDIUM HAVING THE PROGRAM RECORDED THEREON

Inventor: ARAKI S.; KUTSUMI H ; NAITO E

Title Terms/Index Terms/Additional words: INFORMATION; SYSTEM; UPDATE; USER
; PROFILE; BASED; DOCUMENT; VECTOR; STATIC; DYNAMIC; SELECT; UNIT

Original Publication Data by Authority

Inventor name & address:

NAITO EIICHI ,
KUTSUMI HIROSHI ,
ARAKI SHOICHI ,

12/TI,AU,IV,6/19 (Item 19 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0012277788

WPI ACC NO: 2002-218573/200228

Data processing method for streamed multimedia data, involves selecting
segment from media content based on score assigned to input content
description data

Original Titles:

Datenverarbeitungsverfahren und Speichermedium und Rechnerprogramm für das
Datenverarbeitungsverfahren

Data processing method and storage medium, and program for causing computer
to execute the data processing method

Procede de traitement de donnees et support d'enregistrement et programme
pour le procede de traitement de donnees

DATA PROCESSING METHOD, RECORDING MEDIUM AND PROGRAM FOR EXECUTING DATA
PROCESSING METHOD VIA COMPUTER

DATA PROCESSOR, DATA PROCESSING METHOD, RECORDING MEDIUM, AND PROGRAM FOR
MAKING COMPUTER EXECUTE THE DATA PROCESSING METHOD

Data processing method and storage medium, and program for causing computer
to execute the data processing method

Inventor: ARAKI S ; EITO M; EMURA K; ETOH M; MUNETSUGI T; MUNETSUGU T

Title Terms/Index Terms/Additional words: DATA; PROCESS; METHOD; STREAM;
SELECT; SEGMENT; MEDIUM; CONTENT ; BASED; SCORE; ASSIGN; INPUT; DESCRIBE

Original Publication Data by Authority

Inventor name & address:

Munetsugu, Toshihiko, 3-2-6, Kuraji, Katano-shi, Osaka, JP, Katano-shi,
Osaka, JP

Etoh, Minoru, 39-21, Nokendaideri, Kanazawa-ku, Yokohama-shi, Kanagawa, JP,
Yokohama-shi, Kanagawa, JP

Araki, Shoichi, 3-15-22-503, Imafukuhigashi, Joto-ku, Osaka-shi, Osaka,
JP, Osaka-shi, Osaka, JP

Emura, Koichi, 10-18-A402, Nagatahigashi 1-chome, Minami-ku, Yokohama-shi,
Kanagawa, JP, Yokohama-shi, Kanagawa, JP

MUNETSUGI TOSHIHIKO,

EMURA KOICHI,

EITO MINORU,

ARAKI SHOICHI ,

MUNETSUGI TOSHIHIKO,

EMURA KOICHI,

EITO MINORU,

ARAKI SHOICHI ,

Munetsugu, Toshihiko, Osaka, JP, Osaka, JP

Etoh, Minoru, Kanagawa, JP, Kanagawa, JP

Araki, Shoichi, Osaka, JP, Osaka, JP

Emura, Koichi, Kanagawa, JP, Kanagawa, JP

12/TI,AU,IV,6/20 (Item 20 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0011189184

WPI ACC NO: 2002-127353/

Data analysis method involves mapping contents and attribute data, by analyzing attribute data obtained from user, and content information

Original Titles:

DATA ANALYZING METHOD, INFORMATION RETRIEVING METHOD, AND INFORMATION RECOMMENDING METHOD

Inventor: ARAKI S ; KUTSUMI H ; NAITO E

Title Terms/Index Terms/Additional words: DATA; ANALYSE; METHOD; MAP; CONTENT ; ATTRIBUTE; OBTAIN; USER; INFORMATION

Original Publication Data by Authority

Inventor name & address:

ARAKI SHOICHI ,

NAITO EIICHI ,

KUTSUMI HIROSHI ,

12/TI,AU,IV,6/21 (Item 21 from file: 350)

DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0011154376

WPI ACC NO: 2002-091654/

Information recommendation apparatus for Internet, selects and recommends contents coinciding with or similar to input condition, from multiple contents stored in database

Original Titles:

System und Vorrichtung zum Empfehlen von Informationen

Information recommendation apparatus and information recommendation system

Systeme et appareil de recommandation d'informations

DEVICE AND SYSTEM FOR RECOMMENDING INFORMATION

Information recommendation apparatus and information recommendation system

Inventor: ARAKI S ; HIRATSUKA T ; JITOSHO H; JITOUSHO Y ; KUTSUMI H ; NAITO E

Title Terms/Index Terms/Additional words: INFORMATION; APPARATUS; SELECT; CONTENT ; COINCIDE; SIMILAR; INPUT; CONDITION; MULTIPLE; STORAGE; DATABASE

Original Publication Data by Authority

Inventor name & address:

Kutsumi, Hiroshi , 1-4-31, Terakatanishikidori, Moriguchi-shi, Osaka

570-0042, JP, Moriguchi-shi, Osaka 570-0042, JP

Araki, Shouichi , 3-15-22-503, Imafukuhigashi, Joto-ku, Osaka-shi, Osaka

536-0002, JP, Osaka-shi, Osaka 536-0002, JP

Naito, Eiichi , 2-31, Takigikuwanoki, Kyotanabe-shi, Kyoto 610-0341, JP,

Kyotanabe-shi, Kyoto 610-0341, JP

Hiratsuka, Tomoyasu , Park City Chiharadai 2-510, 3-32-1-1, Chiaradai,

Ichibara-shi, Chiba 290-0158, JP, Ichibara-shi, Chiba 290-0158, JP

Jitousho, Yuumi , 3-13-2-105, Osone, Minatokita-ku, Yokohama-shi, Kanagawa

222-0003, JP, Yokohama-shi, Kanagawa 222-0003, JP

KUTSUMI HIROSHI ,

ARAKI SHOICHI ,

NAITO EIICHI ,

HIRATSUKA TOMOYASU ,

JITOSHO HIROMI,

Kutsumi, Hiroshi , Osaka, JP, Osaka, JP

Araki, Shouichi , Osaka, JP, Osaka, JP
Naito, Eiichi , Kyotanabe-shi, JP, Kyotanabe-shi, JP
Hiratsuka, Tomoyasu , Ichihara-shi, JP, Ichihara-shi, JP
Jitousho, Yuumi , Yokohama-shi, JP, Yokohama-shi, JP

12/TI,AU,IV,6/22 (Item 22 from file: 350)
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0011086211

WPI ACC NO: 2002-021719/

Contents recommendation system has contents recommendation device that determines recommendation contents for every user based on contents group and comprehensive contents group obtained about all users

Original Titles:

CONTENTS RECOMMENDATION SYSTEM

Inventor: ARAKI S ; MIYAHIRO E; YOSHIDA H

Title Terms/Index Terms/Additional words: CONTENT ; SYSTEM; DEVICE;
DETERMINE; USER; BASED; GROUP; COMPREHENSIVE; OBTAIN

Original Publication Data by Authority

Inventor name & address:

MIYAHIRO EIICHI,
ARAKI SHINICHIRO ,
YOSHIDA HIROSHI,

12/TI,AU,IV,6/23 (Item 23 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0010728083

WPI ACC NO: 2001-339810/

User information recommendation procedure for internet, involves selecting introduction information from user profile, based on degree of recommendation and recommends to user

Original Titles:

INFORMATION RECOMMENDING METHOD

Inventor: ARAKI S ; KUTSUMI H ; MARUNO S; NAITO E

Title Terms/Index Terms/Additional words: USER; INFORMATION; PROCEDURE;
SELECT; INTRODUCING; PROFILE; BASED; DEGREE

Original Publication Data by Authority

Inventor name & address:

ARAKI SHOICHI ,
NAITO EIICHI ,
KUTSUMI HIROSHI ,
MARUNO SUSUMU,

12/TI,AU,IV,6/24 (Item 24 from file: 350)
DIALOG(R)File 350:(c) 2006 The Thomson Corporation. All rts. reserv.

0010237512

WPI ACC NO: 2000-549170/200050

Information transfer system and apparatus for preparing electronic mail

Original Titles:

INFORMATIONENTRANSFERSYSTEM UND GERAT ZUM BEREITEN VON E-MAIL
INFORMATION TRANSFER SYSTEM AND APPARATUS FOR PREPARING ELECTRONIC MAIL
SYSTEME ET APPAREIL DE TRANSFERT D'INFORMATIONS POUR LA PREPARATION DE
COURRIER ELECTRONIQUE
TERMINAL, INFORMATION TRANSFER SYSTEM AND PROGRAM RECORDING MEDIUM
ELECTRONIC MAIL GENERATING DEVICE AND PROGRAM RECORDING MEDIUM
TERMINAL UNIT, INFORMATION TRANSFER SYSTEM AND PROGRAM RECORDING MEDIUM
TERMINAL DEVICE, INFORMATION TRANSFER SYSTEM, AND PROGRAM RECORDING MEDIUM
E-MAIL CREATION DEVICE AND PROGRAM RECORD MEDIUM
E-mail preparation device, terminal device, information forwarding system,
and program recording medium
INFORMATION TRANSFER SYSTEM AND APPARATUS FOR PREPARING ELECTRONIC MAIL
SYSTEME ET APPAREIL DE TRANSFERT D'INFORMATIONS POUR LA PREPARATION DE
COURRIER ELECTRONIQUE

Inventor: ANO T; ARAKI S ; IMANAKA T; KUTSUMI H ; MIURA K; MIURA Y; TADA
C

Title Terms/Index Terms/Additional words: INFORMATION; TRANSFER; SYSTEM;
APPARATUS; PREPARATION; ELECTRONIC; MAIL

Original Publication Data by Authority

Inventor name & address:

KUTSUMI H ,
MIURA K,
IMANAKA T,
KUTSUMI, Hiroshi , 1-4-31, Terakata-Nishikidori, Moriguchi-shi, Osaka
570-0042, JP, Moriguchi-shi, Osaka 570-0042, JP
MIURA, Kouji, 4-42-2-206, Hosoda, Katsushika-ku, Tokyo 124-0021, JP,
Katsushika-ku, Tokyo 124-0021, JP
IMANAKA, Takeshi, 3-15-21-305, Tomiokita, Nara-shi, Nara 631-0076, JP,
Nara-shi, Nara 631-0076, JP
ARAKI, Shouichi , 3-15-22-503, Imafukuhigashi, Jyoto-ku, Osaka-shi, Osaka
536-0002, JP, Osaka-shi, Osaka 536-0002, JP
ANO, Tadashi, 1-7-1-1003, Sumiregaoka, Takarazuka-shi, Hyogo 665-0847, JP,
Takarazuka-shi, Hyogo 665-0847, JP
TADA, Chikako, 2-8-36-705, Nagarahigashi, Kita-ku, Oaka-shi, Osaka
531-0063, JP, Oaka-shi, Osaka 531-0063, JP
KUTSUMI HIROSHI ,
MIURA YASUSHI,
IMANAKA TAKESHI,
KUTSUMI HIROSHI ,
ARAKI SHOICHI ,
IMANAKA TAKESHI,
ANO TADASHI,
TADA CHIKAKO,
KUTSUMI HIROSHI ,
MIURA YASUSHI,
IMANAKA TAKESHI,
KUTSUMI HIROSHI ,
MIURA YASUSHI,
IMANAKA TAKESHI,
KUTSUMI HIROSHI ,
ARAKI SHOICHI ,
IMANAKA TAKESHI,
ANO TADASHI,
TADA CHIKAKO,
Kutsumi, Hiroshi , Moriguchi, JP, Moriguchi, JP
Miura, Kouji, Matsubara, JP, Matsubara, JP
Imanaka, Takeshi, Nara, JP, Nara, JP
Araki, Shouichi , Osaka, JP, Osaka, JP
Ano, Tadashi, Takarazuka, JP, Takarazuka, JP

Tada, Chikako, Osaka, JP, Osaka, JP
KUTSUMI, Hiroshi , 1-4-31, Terakata-Nishikidori, Moriguchi-shi, Osaka
570-0042, JP, JP
MIURA, Kouji, 4-42-2-206, Hosoda, Katsushika-ku, Tokyo 124-0021, JP, JP
IMANAKA, Takeshi, 3-15-21-305, Tomiokita, Nara-shi, Nara 631-0076, JP, JP
ARAKI, Shouichi , 3-15-22-503, Imafukuhigashi, Jyoto-ku, Osaka-shi, Osaka
536-0002, JP, JP
ANO, Tadashi, 1-7-1-1003, Sumiregaoka, Takarazuka-shi, Hyogo 665-0847, JP,
JP
TADA, Chikako, 2-8-36-705, Nagarahigashi, Kita-ku, Osaka-shi, Osaka
531-0063, JP, JP

12/TI,AU,IV,6/25 (Item 25 from file: 350)
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0010175026

WPI ACC NO: 2000-484515/200043

Data processing device for viewing, playback of motion picture, video
program or audio program has selection device for selecting at least one
segment from media content on basis of score assigned to context
description data

Original Titles:

Datenverarbeitungs-vorrichtung, und -verfahren, Speichemedium, und
Rechnerprogramm für das Datenverarbeitungsverfahren
Data processing device, data processing method and storage medium, and
program for causing computer to execute the data processing method
Dispositif et procede de traitement de donnees, support d'enregistrement,
et programme pour le procede de traitement de donnees
DEVICE AND METHOD FOR PROCESSING DATA AND RECORDING MEDIUM, AND PROGRAM FOR
ALLOWING COMPUTER TO EXECUTE DATA PROCESSING METHOD
DATA PROCESSING APPARATUS, DATA PROCESSING METHOD, RECORDING MEDIUM, AND
PROGRAM FOR MAKING COMPUTER TO PERFORM THE DATA PROCESSING METHOD
DATA PROCESSING APPARATUS, DATA PROCESSING METHOD AND RECORDING MEDIUM, AND
PROGRAM FOR MAKING COMPUTER EXECUTE THE DATA PROCESSING METHOD
DATA PROCESSING APPARATUS, DATA PROCESSING METHOD, RECORDING MEDIUM, AND
PROGRAM FOR MAKING COMPUTER TO EXECUTE THE DATA PROCESSING METHOD
Data processing device, data processing method and storage medium, and
program for causing computer to execute the data processing method
Inventor: ARAKI S ; EIDO M; EITO M; EMURA K; ETOH M; MUNETSUGI T;
MUNETSUGU T; MUNETSUZUKU T

Title Terms/Index Terms/Additional words: DATA; PROCESS; DEVICE; VIEW;
PLAYBACK; MOTION; PICTURE; VIDEO; PROGRAM; AUDIO; SELECT; ONE; SEGMENT;
MEDIUM; CONTENT ; BASIS; SCORE; ASSIGN; CONTEXT; DESCRIBE

Original Publication Data by Authority

Inventor name & address:

MUNETSUZUKU T,
EIDO M,
ARAKI S ,
Munetsugu, Toshihikō, No. 1002, 6-9-15, Higashikasai, Edogawa-ku, Tokyo, JP
, Tokyo, JP
Etoh, Minoru, No. 101, 510-1, Suenaga, Takatsu-ku, Kawasaki-shi, Kanagawa,
JP, Kawasaki-shi, Kanagawa, JP
Araki, Shouichi , No. 503, 3-15-22, Imafukuhigashi, Jyoto-ku, Osaka-shi,
Osaka, JP, Osaka-shi, Osaka, JP
Emura, Koichi, A402, 10-18 Nagatahigashimachi, Minami-ku, Yokohama-shi;
Kanagawa, JP, Yokohama-shi, Kanagawa, JP
MUNETSUGI TOSHIHIKO,
EITO MINORU,

ARAKI SHOICHI ,
EMURA KOICHI,
MUNETSUGI TOSHIHIKO,
EITO MINORU,
ARAKI SHOICHI ,
EMURA KOICHI,
MUNETSUGI TOSHIHIKO,
EITO MINORU,
ARAKI SHOICHI ,
EMURA KOICHI,
MUNETSUGI TOSHIHIKO,
EITO MINORU,
ARAKI SHOICHI ,
EMURA KOICHI,
Munetsugu, Toshihiko, Tokyo, JP, Tokyo, JP
Etoh, Minoru, Kanagawa, JP, Kanagawa, JP
Araki, Shouichi , Osaka, JP, Osaka, JP
Emura, Koichi, Kanagawa, JP, Kanagawa, JP

12/TI,AU,IV,6/26 (Item 26 from file: 350)
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0009100628
WPI ACC NO: 1999-019762/
Information display method for facsimile - involves deciding contents of
data display by contents determining unit, based on predetermined data
structure and data stored in respective memories

Original Titles:

METHOD AND DEVICE FOR RECEIVING AND DISPLAYING INFORMATION
Inventor: IMANAKA T; KUTSUMI H ; MATSUURA S; MIURA Y

Title Terms/Index Terms/Additional words: INFORMATION; DISPLAY; METHOD;
FACSIMILE; DECIDE; CONTENT ; DATA; DETERMINE; UNIT; BASED; PREDETERMINED
; STRUCTURE; STORAGE; RESPECTIVE; MEMORY

Original Publication Data by Authority

Inventor name & address:
IMANAKA TAKESHI,
MIURA YASUSHI,
KUTSUMI HIROSHI ,
MATSUURA SATOSHI, - ..

12/TI,AU,IV,6/27 (Item 1 from file: 349)
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01285623
VIEWING SUPPORT DEVICE AND PROGRAM RECORDING SYSTEM
DISPOSITIF D'ASSISTANCE A LA VISUALISATION ET SYSTEME D'ENREGISTREMENT DE
PROGRAMME
Patent Applicant/Inventor:
OZAWA Jun, -- (Residence), -- (Nationality), (Designated only for: US)
NAITO Eiichi , -- (Residence), -- (Nationality), (Designated only for:
US)
Publication Language: Japanese
Filing Language: Japanese
Publication Year: 2005

12/TI,AU,IV,6/28 (Item 2 from file: 349)

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01258560

DICTIONARY CREATION DEVICE AND DICTIONARY CREATION METHOD
DISPOSITIF DE CREATION DE DICTIONNAIRE ET PROCEDE DE CREATION DE
DICTIONNAIRE

Patent Applicant/Inventor:

KUTSUMI Hiroshi , -- (Residence), -- (Nationality), (Designated only
for: US)

NAITO Eiichi , -- (Residence), -- (Nationality), (Designated only for:
US)

OZAWA Jun, -- (Residence), -- (Nationality), (Designated only for: US)

YOSHIDA Hideyuki, -- (Residence), -- (Nationality), (Designated only for:
US)

Publication Language: Japanese

Filing Language: Japanese

Publication Year: 2005

12/TI,AU,IV,6/29 (Item 3 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Thomson. All rts. reserv.

01126592

OPERATION HISTORY UTILIZATION SYSTEM AND METHOD THEREOF
SYSTEME D'UTILISATION DE L'HISTORIQUE D'UN FONCTIONNEMENT ET PROCEDE
ASSOCIE

Patent Applicant/Inventor:

KUTSUMI Hiroshi , 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi,
Osaka 570-0042, JP, JP (Residence), JP (Nationality), (Designated only
for: US)

ARAKI Shouichi , 15-22-503, Imafukuhigashi 3-chome, Joto-ku,
Osaka-shi, Osaka 536-0002, JP, JP (Residence), JP (Nationality),
(Designated only for: US)

YOSHIDA Atsushi, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055,
JP, JP (Residence), JP (Nationality), (Designated only for: US)

MATSUURA Satoshi, 45-5, Tanabe Dojo, Kyotanabe-shi, Kyoto 610-0331, JP,
JP (Residence), JP (Nationality), (Designated only for: US)

Publication Language: Japanese

Filing Language: Japanese

Publication Year: 2004

12/TI,AU,IV,6/30 (Item 4 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Thomson. All rts. reserv.

01126591

ATTENDANT CIRCUMSTANCE UTILIZATION DEVICE
DISPOSITIF PERMETTANT DE METTRE A PROFIT LE TYPE D'UNE PERSONNE
ACCOMPAGNANTE

Patent Applicant/Inventor:

ARAKI Shouichi , 15-22-503, Imafukuhigashi 3-chome, Joto-ku,
Osaka-shi, Osaka 536-0002, JP, JP (Residence), JP (Nationality),
(Designated only for: US)

KUTSUMI Hiroshi , 4-31, Terakata Nishikidori 1-chome, Moriguchi-shi,
Osaka 570-0042, JP, JP (Residence), JP (Nationality), (Designated only
for: US)

YOSHIDA Atsushi, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055,
JP, JP (Residence), JP (Nationality), (Designated only for: US)

Publication Language: Japanese

Filing Language: Japanese

Publication Year: 2004

12/TI,AU,IV,6/31 (Item 5 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Thomson. All rts. reserv.

01122018

VIEWING HISTORY RECORDING METHOD AND VIEWING HISTORY USE METHOD
PROCEDE D'ENREGISTREMENT D'HISTORIQUE DE VISUALISATION ET PROCEDE
D'UTILISATION D'HISTORIQUE DE VISUALISATION

Patent Applicant/Inventor:

MATSUURA Satoshi, 45-5, Tanabe-dojo, Kyotanabe-shi, Kyoto 610-0331, JP,
JP (Residence), JP (Nationality), (Designated only for: US)

KUTSUMI Hiroshi, 1-4-31, Terakata-nishikidori, Moriguchi-shi, Osaka
570-0042, JP, JP (Residence), JP (Nationality), (Designated only for:
US)

YOSHIDA Atsushi, Shofuryo, 3-14, Miyuki-higashimachi, Neyagawa-shi, Osaka
572-0055, JP, JP (Residence), JP (Nationality), (Designated only for:
US)

ARAKI Shoichi, 3-15-22-503, Imafuku-higashi, Joto-ku, Osaka-shi, Osaka
536-0002, JP, JP (Residence), JP (Nationality), (Designated only for:
US)

Publication Language: Japanese

Filing Language: Japanese

Publication Year: 2004

Inventor Search NPL

Set	Items	Description
S1	23	AU=(KUTSUMI, H? OR KUTSUMI H? OR HIROSHI(2N)KUTSUMI) OR BY=(HIROSHI(2N)KUTSUMI)
S2	595	AU=(ARAKI, S? OR ARAKI S? OR SHOUICHI(2N)ARAKI) OR BY=(SHOUICHI(2N)ARAKI)
S3	65	AU=(NAITO, E? OR NAITO E? OR EIICHI(2N)NAITO) OR BY=(EIICHI(2N)NAITO)
S4	48	AU=(HIRATSUKA, T? OR HIRATSUKA T? OR TOMOYASU(2N)HIRATSUKA) OR BY=(TOMOYASU(2N)HIRATSUKA)
S5	0	AU=(JITOUSHO, Y? OR JITOUSHO Y? OR JITOUSHO(2N)YUUMI) OR BY=(JITOUSHO(2N)YUUMI)
S6	0	S1 AND S2 AND S3 AND S4
S7	727	S1 OR S2 OR S3 OR S4 OR S5
S8	31	S7 AND (CONTENT OR REVIEW? ? OR RECOMMENDATION? OR CONTRIBUTION? OR SUBMISSION?)
S9	29	RD=(unique items)
File	2:	INSPEC 1898-2006/Oct w4 (c) 2006 Institution of Electrical Engineers
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File	475:	Wall Street Journal Abs 1973-2006/Oct 31 (c) 2006 The New York Times
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File	810:	Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire
File	476:	Financial Times Fulltext 1982-2006/Nov 01 (c) 2006 Financial Times Ltd
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File	813:	PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:	San Jose Mercury Jun 1985-2006/Oct 31 (c) 2006 San Jose Mercury News
File	624:	McGraw-Hill Publications 1985-2006/Nov 01 (c) 2006 McGraw-Hill Co. Inc
File	9:	Business & Industry(R) Jul/1994-2006/Oct 31 (c) 2006 The Gale Group
File	275:	Gale Group Computer DB(TM) 1983-2006/Nov 01 (c) 2006 The Gale Group
File	621:	Gale Group New Prod. Annou.(R) 1985-2006/Oct 31 (c) 2006 The Gale Group
File	636:	Gale Group Newsletter DB(TM) 1987-2006/Nov 01 (c) 2006 The Gale Group
File	16:	Gale Group PROMT(R) 1990-2006/Nov 01 (c) 2006 The Gale Group
File	160:	Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	148:	Gale Group Trade & Industry DB 1976-2006/Nov 01 (c) 2006 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2006/Oct 31

(c) 2006 The Gale group
 File 570:Gale Group MARS(R) 1984-2006/Nov 01
 (c) 2006 The Gale Group
 File 635:Business Dateline(R) 1985-2006/Nov 01
 (c) 2006 ProQuest Info&Learning
 File 477:Irish Times 1999-2006/Nov 01
 (c) 2006 Irish Times
 File 710:Times/Sun.Times(London) Jun 1988-2006/Nov 01
 (c) 2006 Times Newspapers
 File 711:Independent(London) Sep 1988-2006/Nov 01
 (c) 2006 Newspaper Publ. PLC
 File 756:Daily/Sunday Telegraph 2000-2006/Nov 01
 (c) 2006 Telegraph Group
 File 757:Mirror Publications/Independent Newspapers 2000-2006/Nov 01
 (c) 2006
 File 387:The Denver Post 1994-2006/Oct 31
 (c) 2006 Denver Post
 File 471:New York Times Fulltext 1980-2006/Nov 01
 (c) 2006 The New York Times
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
 (c) 2002 Phoenix Newspapers
 File 494:St LouisPost-Dispatch 1988-2006/Oct 31
 (c) 2006 St Louis Post-Dispatch
 File 631:Boston Globe 1980-2006/Oct 22
 (c) 2006 Boston Globe
 File 633:Phil.Inquirer 1983-2006/Oct 29
 (c) 2006 Philadelphia Newspapers Inc
 File 638:Newsday/New York Newsday 1987-2006/Nov 01
 (c) 2006 Newsday Inc.
 File 640:San Francisco Chronicle 1988-2006/Nov 01
 (c) 2006 Chronicle Publ. Co.
 File 641:Rocky Mountain News Jun 1989-2006/Nov 01
 (c) 2006 Scripps Howard News
 File 702:Miami Herald 1983-2006/Oct 29
 (c) 2006 The Miami Herald Publishing Co.
 File 703:USA Today 1989-2006/Nov 01
 (c) 2006 USA Today
 File 704:(Portland)The Oregonian 1989-2006/Oct 30
 (c) 2006 The Oregonian
 File 713:Atlanta J/Const. 1989-2006/Oct 29
 (c) 2006 Atlanta Newspapers
 File 714:(Baltimore) The Sun 1990-2006/Nov 01
 (c) 2006 Baltimore Sun
 File 715:Christian Sci.Mon. 1989-2006/Nov 01
 (c) 2006 Christian Science Monitor
 File 725:(Cleveland)Plain Dealer Aug 1991-2006/Oct 31
 (c) 2006 The Plain Dealer
 File 735:St. Petersburg Times 1989- 2006/Oct 31
 (c) 2006 St. Petersburg Times
 File 256:TecInfoSource 82-2006/Apr
 (c) 2006 Info.Sources Inc

9/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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08861558 INSPEC Abstract Number: B2004-03-6250F-232, C2004-03-7250R-021

Title: Cellular phone ringing tone recommendation system based on collaborative filtering method

Author(s): Kostov, V.; Naito, E.; Ozawa, J.

Author Affiliation: Adv. Technol. Res. Labs., Matsushita Electr. Ind. Co. Ltd., Kyoto, Japan

Conference Title: Proceedings 2003 IEEE International Symposium on

Computational Intelligence in Robotics and Automation. Computational Intelligence in Robotics and Automation for the New Millennium (Cat. No.03EX694) Part vol.1 p.378-83 vol.1

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2003 Country of Publication: USA 3 vol.xlvi+1556 pp.

ISBN: 0 7803 7866 0 Material Identity Number: XX-2003-02839

U.S. Copyright Clearance Center Code: 0-7803-7866-0/03/\$17.00

Conference Title: Proceedings 2003 IEEE International Symposium on Computational Intelligence in Robotics and Automation

Conference Sponsor: IEEE Robotics & Automation Soc

Conference Date: 16-20 July 2003 Conference Location: Kobe, Japan

Medium: Also available on CD-ROM in PDF format

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Theoretical (T)

Abstract: We have developed a prototype of cellular phone ringing tone recommendation system using memory-based collaborative filtering and we have carried out examinations to evaluate its performance. The ringing tone content was stored on a server from where the users were able to download the desired items according to their preferences. An extensive log data accumulated at the download service site for a fixed period of time was used. The log data contained only information for the users' downloaded ringing tones without evaluation data. The user set and the tone downloadable content set were not fixed and our goal was to investigate how collaborative filtering could be successfully applied to a system with such continuously changing conditions. The Jaccard's similarity coefficient was used to calculate the similarity between the users. The learning period, the recommendation period and the number of the similar users were used as condition parameters. The system quality evaluation showed that the recall increases with the increase of the learning period but decreases with the increase of the recommendation period. Optimal values for the number of the most similar users as well as for the learning and the recommendation periods were experimentally obtained. It was shown that the collaborative filtering method could be successfully applied to a cellular phone ringing tone recommendation system. (8 Refs)

Subfile: B C

Descriptors: cellular radio; information retrieval; learning systems; mobile handsets

Identifiers: cellular phone; ringing tone recommendation system; memory based collaborative filtering method; server; download service; log data; learning period

Class Codes: B6250F (Mobile radio systems); C7250R (Information retrieval techniques); C7410F (Communications computing); C6170K (Knowledge engineering techniques)

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9/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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08739651 INSPEC Abstract Number: C2003-11-7210N-009

Title: Development of a user adaptive home page recommendation software, "webNavigator"

Author(s): Kutsumi, H. ; Naito, E. ; Araki, S. ; Emura, S. ; Arai, T.

Author Affiliation: Adv. Technol. Res. Labs., Matsushita Electr. Ind. Co. Ltd., Kyoto, Japan

Journal: Systems and Computers in Japan vol.34, no.3 p.44-52

Publisher: Scripta Technica,

Publication Date: March 2003 Country of Publication: USA

CODEN: SCJAEP ISSN: 0882-1666

SICI: 0882-1666(200303)34:3L:44:DUAH;1-A

Material Identity Number: J969-2003-003

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P); Experimental (X)

Abstract: The authors report on the development of their software "WebNavigator," a tool for gathering home page information easily for new Internet users, which learns the preferences of the user based on home page viewing history and then recommends new home pages based on those preferences. The important factors in learning a user's preferences are immediacy for tracking changes in interests and stability so as not to be affected by the noise included in the observed data. Issues for the software include setting parameters to unify the earlier user profile and the feature vector for home pages being viewed at present. These rate parameters are found by learning, using several home pages deemed to be "interesting" or "not interesting" to the user. The changes in the user's interests can be tracked by observing the changes in these parameters over time. In this paper, the authors describe the results of evaluating the validity of the software's home page recommendations by investigating experimentally the changes in various users' interests. (12 Refs)

Subfile: C

Descriptors: information retrieval system evaluation; Web design

Identifiers: WebNavigator; home page recommendation software; new Internet users; user preferences; home page viewing history; immediacy; feature vector; user profile; learning; evaluation; user interest changes
Class Codes: C7210N (Information networks); C7250 (Information storage and retrieval)

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9/TI,AU,6/1 (Item 1 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts. reserv.

09466102 INSPEC Abstract Number: A2005-15-2925-003, B2005-08-7410B-004

Title: Observation of optical diffraction radiation from a slit target at KEK accelerator test facility

Author(s): Karataev, P.; Araki, S.; Hamatsu, R.; Hayano, H.; Muto, T.; Naumenko, G.; Potylitsyn, A.; Terunuma, N.; Urakawa, J.

Publication Date: Jan. 2005

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9/TI,AU,6/2 (Item 2 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts. reserv.

09091311 INSPEC Abstract Number: A2004-20-7580-019, B2004-10-3110M-011

Title: Magnetostrictions of CoFe sensing layers in spin valves

Author(s): Zhitao Diao; Lifan Chen; Min Zhou; Araki, S.S.

Publication Date: July 2004

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9/TI,AU,6/3 (Item 3 from file: 2)

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09018265 INSPEC Abstract Number: A2004-16-2925-011, B2004-08-7410B-017

Title: Status of optical diffraction radiation experiment at KEK-ATF extraction line

Author(s): Karataev, P.; Araki, S.; Hamatsu, R.; Hayano, H.; Hirose, T.; Muto, T.; Naumenko, G.; Potylitsyn, A.; Urakawa, J.

Publication Date: Jan. 2003

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9/TI,AU,6/4 (Item 4 from file: 2)

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08861558 INSPEC Abstract Number: B2004-03-6250F-232, C2004-03-7250R-021
Title: Cellular phone ringing tone recommendation system based on collaborative filtering method
Author(s): Kostov, V.; Naito, E.; Ozawa, J.
Publication Date: 2003
Copyright 2004, IEE

9/TI,AU,6/5 (Item 5 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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08797478 INSPEC Abstract Number: A2004-01-4360-003, B2004-01-6140-039
Title: Geometrically constraint ICA for convolutive mixtures of sound
Author(s): Knaak, M.; Araki, S.; Makino, S.
Publication Date: 2003
Copyright 2003, IEE

9/TI,AU,6/6 (Item 6 from file: 2)
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reserv.

08739651 INSPEC Abstract Number: C2003-11-7210N-009
Title: Development of a user adaptive home page recommendation software, "WebNavigator"
Author(s): Kutsumi, H.; Naito, E.; Araki, S.; Emura, S.; Arai, T.
Publication Date: March 2003
Copyright 2003, IEE

9/TI,AU,6/7 (Item 7 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

08535474 INSPEC Abstract Number: B2003-03-6130-029, C2003-03-5260S-047
Title: Time domain blind source separation of non-stationary convolved signals by utilizing geometric beamforming
Author(s): Aichner, R.; Araki, S.; Makino, S.; Nishikawa, T.; Saruwatari, H.
Publication Date: 2002
Copyright 2003, IEE

9/TI,AU,6/8 (Item 8 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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08513635 INSPEC Abstract Number: A2003-05-8160B-025
Title: Steam oxidation behavior of precipitation strengthened carbon free martensitic alloys
Author(s): Kutsumi, H.; Muneki, S.; Itagaki, T.; Abe, F.
Publication Date: 2002
Copyright 2003, IEE

9/TI,AU,6/9 (Item 9 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

07627535 INSPEC Abstract Number: B2000-08-6420-004
Title: Overview of digital TV broadcasting technologies

Author(s): Araki, S.
Publication Date: April 2000
Copyright 2000, IEE

9/TI,AU,6/10 (Item 10 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

07593564 INSPEC Abstract Number: B2000-06-3120B-032
Title: Which spin valve for next giant magnetoresistance head generation?
Author(s): Araki, S. ; Sano, M.; Li, S.; Tsuchiya, Y.; Redon, O.;
Sasaki, T.; Ito, N.; Terunuma, K.; Morita, H.; Matsuzaki, M.
Publication Date: 1 May 2000
Copyright 2000, IEE.

9/TI,AU,6/11 (Item 11 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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06994924 INSPEC Abstract Number: A9818-7570-065, B9809-3110M-051
Title: The distribution of blocking temperature in NiFe-Ru/sub x/Rh/sub
y/Mn bilayers
Author(s): Araki, S. ; Sano, M.; Ohta, M.; Tsuchiya, Y.; Noguchi, K.;
Morita, H.; Matsuzaki, M.
Publication Date: July 1998
Copyright 1998, IEE

9/TI,AU,6/12 (Item 12 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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06784655 INSPEC Abstract Number: C9802-5440-003
Title: Study of matching module for data driven processor Qfa-0
Author(s): Araki, S. ; Saitoh, K.; Kaide, T.; Asada, K.
Publication Date: Nov. 1997
Copyright 1997, IEE

9/TI,AU,6/13 (Item 13 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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06294706 INSPEC Abstract Number: A9614-8140N-055
Title: Effects of matrix resin and fiber content on behavior of fatigue
crack propagation in continuous-fiber-mat reinforced CP-resin composites
Author(s): Iwamoto, M.; Kurashiki, K.; Araki, S.
Publication Date: May 1996
Copyright 1996, IEE

9/TI,AU,6/14 (Item 14 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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06207240 INSPEC Abstract Number: A9608-8140E-001
Title: Solution of hydrogen in cold-worked Pd-Ni, Pd-Pt, and Pd-Ni-Ag
alloys
Author(s): Kishimoto, S.; Yoshida, N.; Masui, T.; Ibaragi, T.; Nakano, A.
; Hiratsuka, T.
Publication Date: Jan. 1996
Copyright 1996, FIZ Karlsruhe

9/TI,AU,6/15 (Item 15 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

06001213 INSPEC Abstract Number: A9516-7570-005
Title: Coexistence of granular-like component and interlayer coupling in
Co/Ag multilayers
Author(s): Honda, K.; Sato, H.; Aoki, Y.; Araki, S.
Publication Date: June 1995
Copyright 1995, IEE

9/TI,AU,6/16 (Item 16 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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05866556 INSPEC Abstract Number: A9504-2920-013, B9503-7410-021,
C9503-3380D-029
Title: The rejuvenation status of TRISTAN accelerator control system
Author(s): Mimashi, T.; Akiyama, A.; Araki, S.; Kudoh, K.; Komada, I.;
Kawamoto, T.; Kurokawa, S.; Naitoh, T.; Takeda, S.; Urakawa, J.; Takashima,
T.; Furakawa, K.; Navratil, J.; Oide, K.; Yamamoto, N.
Publication Date: 15 Dec. 1994
Copyright 1995, FIZ Karlsruhe

9/TI,AU,6/17 (Item 17 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
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05661548 INSPEC Abstract Number: A9411-8140N-086
Title: Effects of matrix resin and fiber content on mechanical and
fracture properties of continuous-fiber-mat reinforced CP-resin composites
Author(s): Kurashiki, K.; Iwamoto, M.; Araki, S.; An, W.
Publication Date: March 1994

9/TI,AU,6/18 (Item 18 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

05185505 INSPEC Abstract Number: A9216-7570-007, B9208-3110-003
Title: Effect of growth temperature on structures and magnetoresistive
properties of Fe/Cr multilayers
Author(s): Araki, S.; Narumiya, Y.; Shinjo, T.
Publication Date: March 1992

9/TI,AU,6/19 (Item 19 from file: 2)
DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

04720315 INSPEC Abstract Number: A90126742
Title: Magnetic and structural studies on Au/3d-metal multilayered films
with artificial superstructures
Author(s): Araki, S.; Takahata, T.; Dohnomae, H.; Okuyama, T.; Shinjo,
T.
Editor(s): Jonker, B.T.; Heremans, J.P.; Marinero, E.E.
Publication Date: 1989

9/TI,AU,6/20 (Item 20 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

03653654 INSPEC Abstract Number: B86033575, C86022489

Title: Rotating-speed control systems for large-capacity fans used in power plants

Author(s): Miyahara, T.; Araki, S.; Takata, N.; Hirotsaki, Y.; Taira, T.

Publication Date: 1985

9/TI,AU,6/21 (Item 21 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

03489971 INSPEC Abstract Number: A85086966

Title: Effect of impact velocity on dynamic fracture toughness of R-RIM polyurethane

Author(s): Suzuki, M.; Nakanishi, H.; Iwamoto, M.; Araki, S.

Publication Date: March 1985

9/TI,AU,6/22 (Item 22 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

03315458 INSPEC Abstract Number: A84099506

Title: Dynamic fracture toughness of R-RIM materials

Author(s): Suzuki, M.; Nakanishi, H.; Iwamoto, M.; Araki, S.

Publication Date: Jan. 1984

9/TI,AU,6/23 (Item 23 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

03237752 INSPEC Abstract Number: C84022982

Title: Standardization for documentation and library works: a review

Author(s): Naito, E.; Ueda, S.; Nakamoto, H.

Editor(s): Brown, K.R.

Publication Date: 1983

9/TI,AU,6/24 (Item 24 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

01991488 INSPEC Abstract Number: B77000773

Title: Effect of dopants on transmission loss of low-OH- content optical fibres

Author(s): Osani, H.; Shioda, T.; Moriyama, T.; Araki, S.; Horiguchi, M.; Izawa, T.; Takata, H.

Publication Date: 14 Oct. 1976

9/TI,AU,6/25 (Item 25 from file: 2)

DIALOG(R)File 2:(c) 2006 Institution of Electrical Engineers. All rts.
reserv.

01706033 INSPEC Abstract Number: A75000543

Title: Approximate E/sub 2/-symmetry in high-energy, small-angle scattering process

Author(s): Araki, S.

Publication Date: July 1974

9/TI,AU,6/26 (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2006 ProQuest Info&Learning. All rts. reserv.

01952993 AADAAI3091507
Shared decision making in the treatment of endometriosis pain
Author: Araki, Sally Sawa
Year: 2003

9/TI,AU,6/27 (Item 1 from file: 65)
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05592011 INSIDE CONFERENCE ITEM ID: CN057993904
P-37 Effects of in utero propylthiouracil exposure on the monoamine
content of the rat fetus brain
Ohtake, S.; Ikeda, T.; Araki, S.; Shibata, S.; Isobe, M.; Hisada, S.
CONFERENCE: Japanese Society of Toxicology-Annual meeting; 32nd
(200506)

9/TI,AU,6/28 (Item 2 from file: 65)
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04608805 INSIDE CONFERENCE ITEM ID: CN048175016
A Ka-Band Bandpass Filter Using Open End Planar TE Mode Dielectric
Resonators with Cross Coupling Structure
Sonoda, T.; Sasaki, Y.; Hirose, K.; Hiratsuka, T.; Sakamoto, K.;
Ishikawa, Y.
CONFERENCE: European microwave conference-31st
(200109)

9/TI,AU,6/29 (Item 1 from file: 99)
DIALOG(R)File 99:(c) 2006 The HW Wilson Co. All rts. reserv.

1129635 H.W. WILSON RECORD NUMBER: BAST93061800
Determination of evoked potentials in occupational and environmental
medicine: a review
Araki, Shunichi ; Murata, Katsuyuki

...s object-oriented C++ APIs.

The Catalog Navigator tool is the main delivery mechanism for recommendations. Together with the Community Navigator tool, it houses Firefly's collaborative filter. Webmasters can mine user profiles for demographic information using Community Navigator, which matches a user...

...between sites. That means users can log on to other sites that use Firefly's collaborative filtering without creating new accounts. To address concerns about this kind of information sharing as well...

...tools, and head start in the public eye make it the player to beat as recommendation systems gain popularity with users.

Firefly Passport Office. Firefly Network Inc., Cambridge, MA;
800-404-4724...

...441 on reader service card.

Net Perceptions Inc.

GroupLens Recommendation Engine

Expanding the ways that recommendation systems can be used creates a greater opportunity for them to gain widespread appeal. With its...

...offers a plug-in for Marimba's Castanet so that pushed content can benefit from collaborative filtering smarts. In theory, the combination of a recommendation system and push means you'd get more content that you like delivered automatically to your...

...netperceptions. com. Circle 442 on reader service card.

LikeMinds Inc.

LikeMinds Preference Server

With its recommendation system, LikeMinds takes a few unique approaches, such as offering the ability to return a single...

...this roundup with U.S. patents on its technology, LikeMinds can claim to have pioneered collaborative filtering. Besides basic filtering and consideration of user preferences, LikeMinds offers several standout features. Its filtering...this technology return items that you're least likely to enjoy.

For the Webmaster

LikeMinds' collaborative filtering technology is powered by LikeMinds Preference Server, a package that offers webmasters a variety of options for implementing a recommendation system on their sites. The product relies on CGI scripts and C++ libraries, and it works...

...HTML templates to help get a filtering-based site up and running quickly.

For getting control of a recommendation-enabled web site, LikeMinds Preference Server lets webmasters handle filtering data by genre easily. What...

...product, because it returns results after you select a topic of interest. But it uses collaborative filtering to take data retrieval to the next level by learning from users which sources are...

...City.

If you're concerned about feeling overwhelmed, don't worry. The Wisewire engine uses recommendations and machine learning to limit the content to what you're likely to find interesting. As with LikeMinds and many search engines...

...read items in wisewire, you're asked to rate the relevance of each article. The recommendation-system engine will then use your preferences to fine-tune what it gives you the next...

...engines, all content is scanned for matches with a user's interests. Wisewire combines the community-based algorithms of recommendation

their...

...academia, but the company succeeded in obtaining the only U.S. patent so far for collaborative filtering technology, a key component of recommendation systems and often used synonymously. These four companies' products perform the same function--making suggestions based...

...user preferences--but each has a particular focus and certain key features.

How it works

Collaborative filtering uses algorithms that factor in the preferences of a community of users to predict what...

...titles as well. Thus, the site can recommend books to you--often with surprising accuracy. Recommendation systems work, and they work whether you're rating books, movies, or products in a catalog.

A recommendation system should increase in accuracy over time, as more users enter preferences on more items. Databases can be shared across interest groups, as with Firefly Network's Community Navigator, providing even more data on which to base intelligent recommendations.

Computationally, collaborative filtering is fast and efficient, especially when compared with traditional artificial-intelligence approaches to solving problems, such as neural networks and rules-based processing. Collaborative filtering takes some of the things that human beings do best--thinking and making critical judgments...

...users. The heavy-duty "processing" here is done by people, not machines. The math behind collaborative filtering is remarkably simple and can be handled in real time. That's a good thing...

...of a web site.

The killer apps

You don't need an MBA to see recommendation systems as a good fit for web commerce--matching buyers with products and targeting ads, for example. Heavy-duty electronic commerce will use collaborative filtering, but the potential of other applications is just as promising.

Every site with a recommendation system today works explicitly, requiring you to rate items before receiving results. The technology, however, can...

...track such behavior as placing an item in a shopping basket but not purchasing it. Recommendation systems can also help build community by putting you in touch with people who like what...

...and commerce are, the web's primary function is as a repository of information, and recommendation systems can enhance this aspect as well. Wisewire delivers personalized news and information, and Net Perceptions...

...is clearly a better web. If you're managing a large site, consider how a recommendation system might enrich your customers' experience. If you're a web surfer, take advantage of one...

...the first on the market--Firefly Network is responsible for introducing millions of users to recommendation systems. Firefly's approach emphasizes community, linking you to users with similar interests across a network...should be using Firefly technology to make personalized book recommendations.

Under the hood

Firefly's recommendation system is made up of several parts: the actual technology, called Advanced Collaborative Filtering (ACF), and various tools that help webmasters implement ACF. To build Firefly's technology into...

systems with more traditional artificial-intelligence techniques. This will likely involve more of a training phase...

...to watch as push becomes more prevalent. By concentrating on content rather than product-oriented collaborative filtering, Wisewire may have found itself a productive niche with plenty of room to grow.
Wisewire...

...reader service card.

Related article: The Basics

NOT WITHOUT A PRICE

In order for a recommendation system to work for you, you must tell web sites using this technology who you are...

...article: Making It Personal

Personalizing content is Priority One for many of today's webmasters. Recommendation systems are one way to personalize web content, but they aren't the only way to...

...Neural network algorithms respond to recent user actions--a more flexible approach than those of recommendation systems or forms-based questionnaires.

One of the potentially strongest players in this field is Autonomy...

...try the Autonomy News Agent at autonomy.virgin.net to see this approach for yourself.

Recommendation systems are fast and fairly accurate, but as more sites try to create personal views, look...